ACCESS
COMMUNICATIONS PTY LTD

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CATALOGUE

3 WAYS TO SHOP WITH ACCESS COMMUNICATIONS

1) www.accesscomms.com.au
Access' website showcases our comprehensive range and is constantly updated with the latest products and specials.

Find products, detailed product information, images and product specifications fast by using the Access Communications search engine.

And once you've found the product you're looking for, the connecting accessory and supporting range is only a click away.

Creating an online account takes just minutes Once you're signed-in you'll be able to see pricing, availability and order though our secure shopping portal.

2) Phone:
Access has a team of dedicate product sales people in our Sydney, Melbourne office. Available from 8.30am – 5.30pm Monday to Friday.

And a customer focussed sales team servicing each state/territory, offering personalised service to grow and service your business.

To place an order, check product availability, ask a technical question or arrange for a custom product contact Access Communications in your state or territory.

3) E-mail or Fax:
Already know what you want! Simply send your purchase orders direct via email or fax to your local Access office

OFFICE & PICK-UP LOCATIONS

Access Communications are the parent company of established brands Datamaster, Telemaster & Powermaster. Access Communications are proud distributors of Philips, Toshiba, Pioneer & Gecko products.

SYDNEY
33-35 Alleyne Street,
Chatswood, NSW, 2067

Trading Hours
Monday to Friday: 8:30am - 5:30pm

Phone: (02) 9414 8888
Fax: (02) 9414 8800
websales@accesscomms.com.au

SA / WA / NT
Available
Monday to Friday: 8:30am - 5:30pm

Mob: 0438 245 116
adelaide@accesscomms.com.au

MELBOURNE
28 The Gateway,
Broadmeadows, VIC, 3047

Trading Hours
Monday to Friday: 8:30am - 5:30pm

Phone: (03) 9330 8333
Fax: (03) 9330 8330
melbourne@accesscomms.com.au

BRISBANE

Phone: (07) 3308 5555
Fax: (07) 3308 5500
brisbane@accesscomms.com.au

ACCESS COMMUNICATIONS; THE RIGHT CHOICE

1) Quality

Access Communications' reputation has been built on quality, this remains to be the foundation of all our brands. Our established quality control procedures and Australian certifications offer assurance and peace-of-mind to our customers.

2) Knowledge & Service

Access Communications has been operating since 1973, becoming a trusted source of knowledge & advice within the industry. Over the years we have maintained our commitment to personal service.

3) Widest range

Access Communications carries a comprehensive range across all of our specialties – Data, Communications & Power. With our buying power we are able to provide competitive prices and a wide range of supplies.

GET SUBSCRIBED

To keep up to date with Access' latest news, products and specials, sign-up to our exclusive customer mail list. Subscribe via our website or ask your rep. to subscribe you.
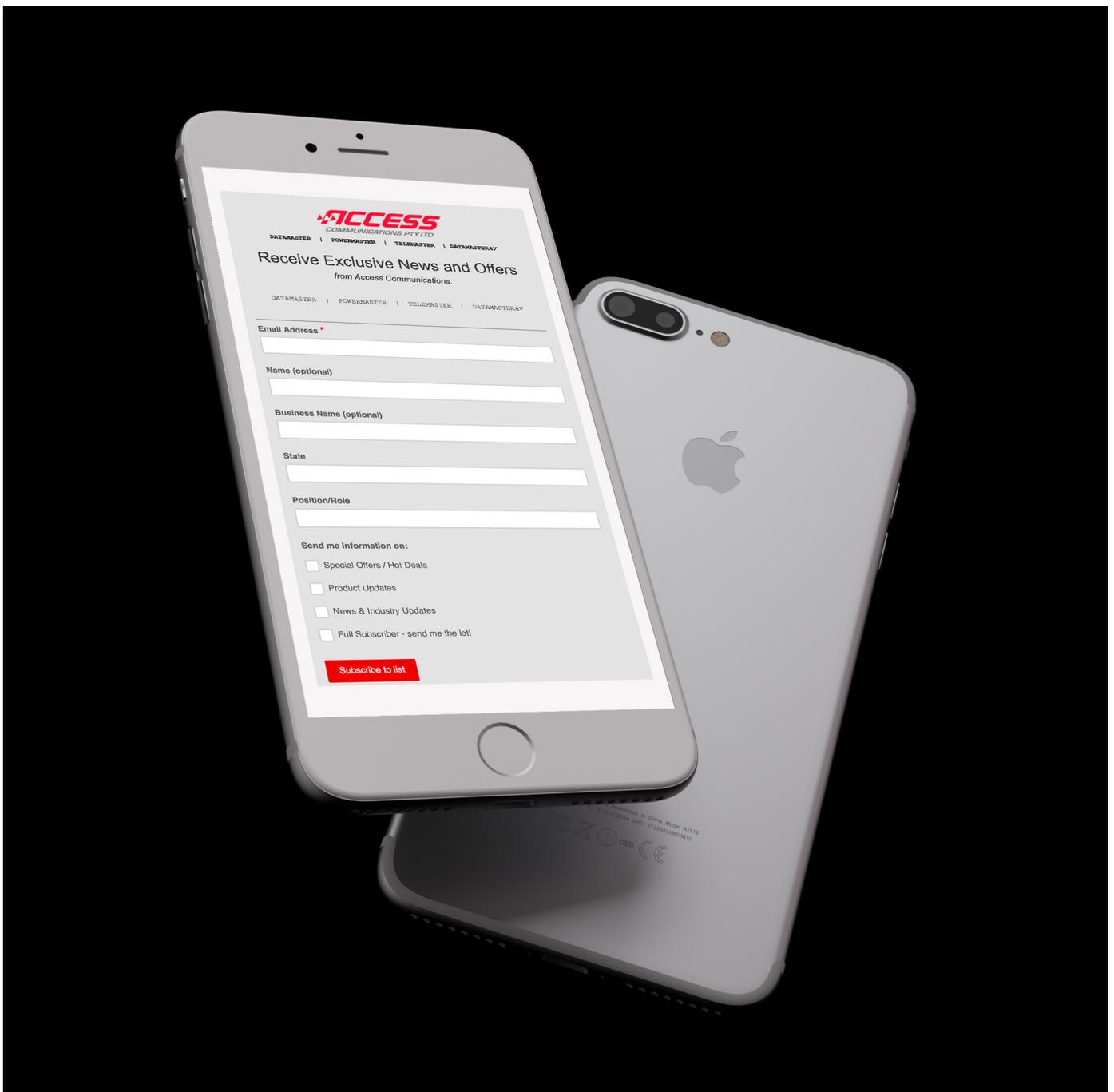
ONE SIZE DOESN'T FIT ALL

Access Communications is known across the electrical and related industries as the supplier to turn to for custom and purpose made products.
Access Communications customisation is undertaken both locally and overseas.

Private Label
Your own brand, labelling and packaging applied to Access' quality and certified products. Private Label products are fully supported by Access and allow you to offer your customers a product that promotes your brand. Subject to MOQ.

Products can include:
• Data Cabinets; unique sizes and/or customer badging.
• Bulk cable; custom colour, length & brand
• Bulk Cable
• Patch Cables
• Power Cords
• Power Supplies

Local Customisation
Access has a custom built facility to produce custom products.
As with all products supplied by Access they come fully supported and meet Australian/NZ standards.

Local customised product include:
• PDU's; combinations of 3-pin and IEC outlets with 3-pin or IEC power, available in 1RU, 2RU.
• Patch Cable; any length.
• IEC Power Cords; full range of IEC-320 appliance connectors. (Subject to MOQ)
• Power Supplies to suit most imported products; wall mounted & Inline Switch Mode. Power supply units (Subject to MOQ)

CUSTOMISATION EXAMPLE

Customisation is taken to a whole new level, with Access' Custom Assemblies. An example of this is best explained by a case study.

Early in 2018, when a retail food giant wanted to bring a unique Point of Sale system (P.O.S.) to life in their nationwide chain of stores, they contacted Access Communications after their previous cable supplier couldn't deliver.

And Access certainly delivered, with over 2000 P.O.S. units now being set in motion utilising the custom cable solution Access provided.

"When we approached Access we knew exactly what we wanted, this project had been in [internal] development for a long time. After listening and reviewing our requirements Access responded with a custom cable product that surpassed our original brief. We were blown away by their knowledge, solution and turnaround time" said the customer's I.T. Project Manager.

The custom developed product is now protected by a non-disclosure agreement but what we can reveal is that several cable technologies were utilised and combined in such a way to achieve the customers outcome and meet specific regulations. The mastery lies in efficiency, knowing the right cable and cable combinations to deliver the required outcome, in this case; power, video and data network connectivity. Access brought their team together to deliver on the complex and divergent specification.

In speaking with Access' Product Manager, Lucas Tan, it is obvious that this is a professional passion and a mainstay of Access' business. "We get a real thrill out of the challenge, developing something unique with our customer is exciting and we're proud to be part of the solution."

Other recent examples of Access' proficiency in the area of customised

products crosses many industries and numerous customer specifications. In 2017 Access worked with a customer from the sanitation industry to retro fit a current (and industry standard) product using a modified power supply to improve on the original design and purpose.

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DATAMASTER IS THE MASTER OF CABLE, CONNECTORS, CABINETS AND ACCESSORIES

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ACCESS
COMMUNICATIONS PTY LTD

SERVER CABINETS

3 YEAR GUARANTEE ON ALL CABINETS*

★★★★★

Datamaster® C1800 Series Server Cabinets

Floor standing 19", 800mm wide heavy-duty server cabinets available in 42RU and 45RU configurations with choice of 3 depths.

Features: Removable lockable single reversible door with ventilated mesh front. Removable lockable double rear doors with ventilated mesh. Removable lockable double-section side access panels. Ceiling mounted cooling fans for generous ventilation Floorless design for optimal ventilation (floor panels optional). Front and rear vertical cable management side cable trays. Adjustable front and rear rails. Level adjustable feet and heavy duty swivelling castors included. Heavy duty construction allows 1200KG (maximum) loading capacity. Powder coated Steel - black. IP20 rated.

Plus DATAMASTER carries a range of ventilated shelves, keyboard shelves and sliding shelves is available. Applications include LAN servers, patch panels, network switches, telephone systems, AV, CCTV security camera DVR's.

CAT #	CAPACITY	DIMENSIONS	FANS	PACKING
C1842-808	42RU	800(W) x 870(D) x 2055(H)mm	4	Flat Packed (Fully Assembled on request)
C1842-810	42RU	800(W) x 1070(D) x 2055(H)mm	4	Flat Packed (Fully Assembled on request)
C1842-812	42RU	800(W) x 1270(D) x 2055(H)mm	4	Flat Packed (Fully Assembled on request)
C1845-808	45RU	800(W) x 870(D) x 2150(H)mm	4	Flat Packed (Fully Assembled on request)
C1845-810	45RU	800(W) x 1070(D) x 2150(H)mm	4	Flat Packed (Fully Assembled on request)
C1845-812	45RU	800(W) x 1270(D) x 2150(H)mm	4	Flat Packed (Fully Assembled on request)

Optional Foor

CAT #	SUITS CABINETS
C1026-808	870mm deep
C1026-810	1070mm deep
C1026-812	1270mm deep

Solid Floor to suit our Datamaster® server cabinets, to fully enclose the cabinet and create a barrier from the floor. Black powder coated.

Server Cabinet Shelf

Ventilated shelf to suit our Datamaster® C1800 server cabinets. Use C1023 Cage Nuts to attach to the rack cabinet. Black powder coated finish.

CAT #	DEPTH	SUITS CABINETS
C1027-808	800mm	C1800 SERIES
C1027-810	1000mm	C1800 SERIES
C1027-812	1200mm	C1800 SERIES

Sliding Keyboard Tray

Vented keyboard tray to suit our Datamaster® Server/ Network cabinets C1800 & C1400 Series. Use C1023 Cage Nuts to secure to the rack cabinet. Black powder coated finish.

CAT #	DEPTH	SUITS CABINETS
C1028-606	600mm	C1400 SERIES
C1028-608	800mm	C1400, C1800 SERIES
C1028-610	1000mm	C1400, C1800 SERIES

Sliding Cabinet Shelf

Vented sliding shelf to suit our Datamaster® Server/ Network cabinets C1800 & C1400. Use C1023 Cage Nuts to secure to the rack cabinet. Provides easy access for laptop or other equipment. Black powder coated finish.

CAT #	DEPTH	SUITS CABINETS
C1024-606	600mm	C1400 SERIES
C1024-808	800mm	C1400, C1800 SERIES
C1024-810	1000mm	C1400, C1800 SERIES
C1024-812	1200mm	C1800 SERIES

Cage Nut Set

Fully assembled set, complete with screw, black plastic washer and clip-in cage nut. Suitable for bolting patch panels and other rack-mounted equipment to standard 19" racks or cabinets.

CAT #	PLATING	PACK
C1023-001	Silver Nickel	50
C1023-002	Black Nickel	50

* All Datamaster Cabinets are backed by a 3-year warranty, limited to manufacturer fault. Proof of purchase is necessary, for details, please consult our sales team to instigate the process at sales@accesscomms.com.au

DATAMASTER®

NETWORK CABINETS

Datamaster® C1400 Series Floor Standing Network Cabinets

Standard 19" network server rack cabinets available in 22RU, 32RU and 42RU sizes. Standard features include reversible transparent tempered safety glass front door, removable and reversible rear door, removable side access panels, heavy duty construction, locks on front and rear doors and side panels, cooling fans, generous ventilation slots and ventilated shelves, top and bottom cabling access slots, adjustable front and rear rails, cage nuts (20 sets) supplied. Heavy duty castors with brake and feet included. Heavy duty construction allows 500KG loading capacity. Supplied fully assembled. Black powder coated finish. IP20 rated. Optional vented metal front doors available for the 42RU cabinets. Applications include LAN servers, patch panels, network switches, telephone systems, AV, CCTV security cameras and DVR's.

CAT #	CAPACITY	DIMENSIONS	SHELVES	FANS	PACKING
C1422-660	22RU	600(W) x 1166(H) x 600(D)mm	1	2	Fully Assembled
C1422-680	22RU	600(W) x 1166(H) x 800(D)mm	1	2	Fully Assembled
C1427-680	27RU	600(W) x 1400(H) x 800(D)mm	1	2	Fully Assembled
C1432-660	32RU	600(W) x 1610(H) x 600(D)mm	2	2	Fully Assembled
C1432-680	32RU	600(W) x 1610(H) x 800(D)mm	2	2	Fully Assembled
C1442-660	42RU	600(W) x 2055(H) x 600(D)mm	3	4	Fully Assembled
C1442-680	42RU	600(W) x 2055(H) x 800(D)mm	3	4	Fully Assembled
C1442-699	42RU	600(W) x 2055(H) x 1000(D)mm	3	4	Fully Assembled

Datamaster® C1400 Series Ventilated Cabinet Door

Ventilated metal door to suit our Datamaster® C1400 series 42RU 600mm wide rack cabinets. Fitted with lock. An alternative for the standard safety glass door. May be fitted for right-hand or left-hand opening. Black powder coated finish. IP20 rated.

CAT #	DIMENSIONS	SUITS CABINETS
C1011-060	600(W) x 2055(H)	C1400 SERIES 42RU cabinets

Cantilever Cabinet Shelf
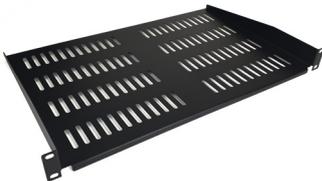
Vented cantilever shelf to suit our Datamaster® Server/Network cabinets and all 19 inch rack cabinets. Black powder coated finish. Provides easy installation for extra shelf requirement. Use C1023 Cage Nuts to secure to the rack cabinet.

CAT #	DEPTH	SUITS CABINETS
C1026	300mm	All Series

Ventilated Cabinet Shelf

Ventilated shelf to suit our Datamaster® rack wall cabinets. Use our C1023 Series cage nuts to attach to the rack cabinet. Black powder coated finish.

CAT #	DEPTH	SUITS CABINETS
C1025-350	350mm	C-1400 SERIES 600(D)mm
C1025-540	540mm	C-1400 SERIES 800(D)mm
C1025-724	724mm	C-1400 SERIES 1000(D)mm

Spare Keys for Network Cabinets

Set of two spare keys to suit locks on Datamaster® rack cabinets. Fits front and rear doors and lockable side panels.

CAT #
C1021-001

* All Datamaster Cabinets are backed by a 3-year warranty, limited to manufacturer fault. Proof of purchase is necessary, for details, please consult our sales team to instigate the process at sales@accesscomms.com.au

DATAMASTER®

ACCESS COMMUNICATIONS PTY LTD

NBN READY

Residential Network Enclosure

Compact residential wall mounted network enclosure designed for surface mounting or recessed installation in cavity walls. Rear mesh plus top and bottom knockouts for cable entry. Ventilation slots at top and bottom of front panel. Four keyhole mounting slots on rear panel. Reversible door with keylock. Colour is off white. Optional trim frame provides for neat recessed installation.

CAT #	CAPACITY	DIMENSIONS	ITEM
C1103-713	9RU	450(W) x 700(H) x 130(D)mm	Cabinet
C1103-FRM			Optional Trim Frame

Residential Network Enclosure Kit

Datamaster's NBN ready kit includes:

CAT #	QTY	DESCRIPTION
C1103KIT	1	
	1	Network enclosure
	3	Mounting block 35mm
	6	Cat-6 IDC Jack
	1	6-Port flush plate
	1	Blank flush plate
	1	2-gang GPO

ADSL In-line Filter

An ADSL filter is required on an ADSL line between each analogue device (telephone, fax machine, fax/modem, modem, cordless telephone, alarm dialer etc) and the associated wall outlet. If a filter is not installed, your voice-calls will experience interference whenever ADSL data is being transmitted. Datamaster's ADSL Inline Filter is NBN ready suiting most installations of the NBN network. And is also ADSL2 and ADSL2+ compatible.

CAT #
K2310ASH

Available October '18 Datamaster's VDSL In-line Filter. The is suitable for entire installations of the NBN with greater frequency range

CAT #
K2310VDSL

ADSL Filter/Splitter

An ADSL filter/splitter provides an RJ11 socket for connection to the telephone line and a filtered RJ11 socket for connection of a fax machine, fax/modem, answering machine, cordless phone or alarm dialler etc. A third RJ11 socket is provided for connection to the ADSL Modem/Router. Additional ADSL in-line filters are recommended between each subsequent telephone device and their telephone wall outlet. If ADSL filters are not fitted, your voice calls will receive interference when ADSL data is being transmitted. Datamaster's ADSL filter/splitter is NBN ready suiting most installations of the NBN network. And is also ADSL2 and ADSL2+ compatible.

CAT #
K2320ASH

Available October '18 Datamaster's VDSL Filter/Splitter. VDSL is suitable for entire installations of the NBN with greater frequency range

CAT #
K2320VDSL

ADSL Central Filter/Splitter

An ADSL filter/splitter provides an RJ11 socket for connection to the telephone line and a filtered RJ11 socket for connection of a fax machine, fax/modem, answering machine, cordless phone or alarm dialler etc. A third RJ11 socket is provided for connection to the ADSL Modem/Router. This filter/splitter has alternative internal IDC connections for permanent installation as a central filter for up to 4 telephone devices. Additional ADSL in-line filters are recomended between each subsequent telephone device and their telephone wall outlet. If ADSL filters are not fitted, your voice calls will receive interference when ADSL data is being transmitted. Datamaster's ADSL Central Filter is NBN ready suiting most instalations of the NBN network. And is also ADSL2 and ADSL2+ compatible.

CAT #
K2322ASH

Available October '18 Datamaster's VDSL Central Filter/Splitter. VDSL is suitable for entire installations of the NBN with greater frequency range

CAT #
K2322VDSL

DATAMASTER®

WALL MOUNTED CABINETS

Datamaster® C1100 Series
Wall Mounted Network Cabinets

Wall mounted 19" network cabinets available in 6RU, 9RU, 12RU and 18RU sizes with either 450mm or 600mm depth. Standard features include reversible transparent tempered safety glass front door, removable side access panels, heavy duty construction, locks on front door and side panels, generous ventilation slots and ventilated shelf, top and bottom cabling access slots, adjustable front and rear rails, cage nuts (15 sets) supplied. Heavy duty construction allows 60KG loading capacity. Cabinet floor is pre-drilled to fit optional wheels for floor-standing applications. Supplied fully assembled in black powder coated finish. IP20 rated.

CAT #	CAPACITY	DIMENSIONS
C1104-645	4RU	600(W) x 280(H) x 450(D)mm
C1106-645	6RU	600(W) x 367(H) x 450(D)mm
C1106-660	6RU	600(W) x 367(H) x 600(D)mm
C1109-645	9RU	600(W) x 500(H) x 450(D)mm
C1109-660	9RU	600(W) x 500(H) x 600(D)mm
C1112-645	12RU	600(W) x 650(H) x 450(D)mm
C1112-660	12RU	600(W) x 650(H) x 600(D)mm
C1118-645	18RU	600(W) x 908(H) x 450(D)mm
C1118-660	18RU	600(W) x 908(H) x 600(D)mm

Datamaster® C1200 Series
Rear-hinged Wall Mounted Network Cabinets

Wall mounted 19" network rack cabinets with rear lockable, hinged, articulated swing frame for easy access to cabling, available in 6RU, 9RU, 12RU and 18RU sizes. Applications include patch panels, network switches, telephone systems, AV, CCTV security cameras and DVR's. Standard features include reversible transparent tempered safety glass front door, removable side access panels, heavy duty construction, locks on front door and side panels, generous ventilation slots and ventilated shelf, top and bottom cabling access slots, adjustable front and rear rails, cage nuts (15 sets) supplied. Heavy duty construction allows 60KG loading capacity. Supplied fully assembled. Black powder coated finish. IP20 rated.

CAT #	CAPACITY	DIMENSIONS
C1206-655	6RU	600(W) x 367(H) x 550(D)mm
C1209-655	9RU	600(W) x 500(H) x 550(D)mm
C1212-655	12RU	600(W) x 650(H) x 550(D)mm
C1218-655	18RU	600(W) x 908(H) x 550(D)mm

Depth Adjustable Wall Bracket

Wall mount bracket for the installation of patch panels or other 19" rack mounted equipment. 1RU, 2RU, 4RU and 8RU models available. Hinged for easy access to wiring. Panel bolts included. Depth is adjustable between 227mm and 352mm. Black colour.

CAT #	RU
P4211-EXT	1
P4212-EXT	2
P4214-EXT	4
P4218-EXT	8

Wall Bracket

Wall mount bracket for installation of patch panels or other 19" rack mounted equipment. Hinged for easy access to wiring. Panel bolts included. All units are 150mm deep. 2RU and 4RU versions available.

CAT #	RU
P4212	2
P4214	4
P4210	Lid

Wall Bracket Lid

Lid to suit our 2RU and 4RU 19" patch-panel wall-brackets. Ideal shelf for switch, router or modem and provides protection for rear wiring. Finished in black semi-gloss enamel paint. 150mm deep x 1.5mm thick.

CAT #
P4210

Fan Kit

12V DC cooling fan to suit our Datamaster® C1100 and C1200 series wall cabinets. 12V DC 1 Amp power supply and mounting bolts are included.

CAT #	SUITS CABINETS
C1012-001	C1100 & C1200 SERIES

* All Datamaster Cabinets are backed by a 3-year warranty, limited to manufacturer fault. Proof of purchase is necessary, for details, please consult our sales team to instigate the process at sales@accesscomms.com.au

CABINETS & ACCESSORIES CHART

Part #	Type	Rack Height	Dimensions (mm) W x H x D	Assembly	Front Mesh Door	Front Glass Door	Rear Mesh Doors	Removable Rear Door	Fans	Shelves	Casters	Load (max)	Wheels	Fan Kit	Ventilated Shelf	Cantilever Shelf	Ventilated Door	Sliding Shelf	Sliding Keyboard Tray	Floor
Residential Network																				
C1103-713	Enclosure	N/A	450 x 700 x 130	F/A																
C1100 Series																				
C1104-645	Wall Cab	4RU	600 x 280 x 450	F/A		✓				1		90kg	C1029-002	C1012-001	C1025-270	C1026				
C1106-645	Wall Cab	6RU	600 x 367 x 450	F/A		✓				1		90kg	C1029-002	C1012-001	C1025-270	C1026				
C1106-660	Wall Cab	6RU	600 x 367 x 600	F/A		✓				1		90kg	C1029-002	C1012-001	C1025-270	C1026				
C1109-645	Wall Cab	9RU	600 x 500 x 450	F/A		✓				1		90kg	C1029-002	C1012-001	C1025-270	C1026				
C1109-660	Wall Cab	9RU	600 x 500 x 600	F/A		✓				1		90kg	C1029-002	C1012-001	C1025-270	C1026				
C1112-645	Wall Cab	12RU	600 x 650 x 450	F/A		✓				1		90kg	C1029-002	C1012-001	C1025-270	C1026				
C1112-660	Wall Cab	12RU	600 x 650 x 600	F/A		✓				1		90kg	C1029-002	C1012-001	C1025-270	C1026				
C1118-645	Wall Cab	18RU	600 x 908 x 450	F/A		✓				1		90kg	C1029-002	C1012-001	C1025-270	C1026				
C1118-660	Wall Cab	18RU	600 x 908 x 600	F/A		✓				1		90kg	C1029-002	C1012-001	C1025-270	C1026				
C1200 Series																				
C1206-655	Hinged Cab	6RU	600 x 367 x 550	F/A		✓				1		60kg		C1012-001	C1025-270	C1026				
C1209-655	Hinged Cab	9RU	600 x 500 x 550	F/A		✓				1		60kg		C1012-001	C1025-270	C1026				
C1212-655	Hinged Cab	12RU	600 x 650 x 550	F/A		✓				1		60kg		C1012-001	C1025-270	C1026				
C1218-655	Hinged Cab	18RU	600 x 908 x 550	F/A		✓				1		60kg		C1012-001	C1025-270	C1026				
C1400 Series																				
C1422-660	Floor Cab	22RU	600 x 1166 x 600	F/A		✓		✓	2	1	✓	500kg				C1026		C1024-606	C1028-606	
C1422-680	Floor Cab	22RU	600 x 1166 x 800	F/A		✓		✓	2	1	✓	500kg				C1026		C1024-808	C1028-608	
C1427-680	Floor Cab	27RU	600 x 1400 x 800	F/A		✓		✓	2	1	✓	500kg				C1026		C1024-808	C1028-608	
C1432-660	Floor Cab	32RU	600 x 1610 x 600	F/A		✓		✓	2	2	✓	500kg				C1026		C1024-606	C1028-606	
C1432-680	Floor Cab	32RU	600 x 1610 x 800	F/A		✓		✓	2	2	✓	500kg				C1026		C1024-808	C1028-608	
C1442-660	Floor Cab	42RU	600 x 2055 x 600	F/A		✓		✓	4	3	✓	500kg				C1026	C1011-060	C1024-606	C1028-606	
C1442-680	Floor Cab	42RU	600 x 2055 x 800	F/A		✓		✓	4	3	✓	500kg				C1026	C1011-060	C1024-808	C1028-608	
C1442-699	Floor Cab	42RU	600 x 2055 x 1000	F/A		✓		✓	4	3	✓	500kg				C1026	C1011-060	C1024-810	C1028-610	
C1800 Series																				
C1842-808	Server Cab	42RU	800 x 2055 x 870	F/P	✓		✓		4		✓	1200kg			C1027-808	C1026		C1024-808	C1028-608	C1026-808
C1842-810	Server Cab	42RU	800 x 2055 x 1070	F/P	✓		✓		4		✓	1200kg			C1027-810	C1026		C1024-810	C1028-610	C1026-810
C1842-812	Server Cab	42RU	800 x 2055 x 1270	F/P	✓		✓		4		✓	1200kg			C1027-812	C1026		C1024-812		C1026-812
C1845-808	Server Cab	45RU	800 x 2150 x 870	F/P	✓		✓		4		✓	1200kg			C1027-808	C1026		C1024-808	C1028-608	C1026-808
C1845-810	Server Cab	45RU	800 x 2150 x 1070	F/P	✓		✓		4		✓	1200kg			C1027-810	C1026		C1024-810	C1028-610	C1026-810
C1845-812	Server Cab	45RU	800 x 2150 x 1270	F/P	✓		✓		4		✓	1200kg			C1027-812	C1026		C1024-812		C1026-812

F/A - Fully Assembled
F/P - Flat Packed

POWER DISTRIBUTION UNITS (PDU'S)

C14 Corded Inlet PDU

1RU rack mounted power distribution board to suit 19" rack cabinets and wall mounts. 8 x standard 10 Amp Australian AS/NZS mains outlets. 1.8 meter flex cord IEC-C14 inlet. On/off switch and overload switch.

CAT #	RU	PLUG	OUTLETS	MOUNTING
C1088-014	1	IEC-C14	8 x 10A GPO	Horizontal

Mains PDU

1RU rack mounted power distribution board to suit 19" rack cabinets and wall mounts. 8 x standard 10 Amp Australian AS/NZS mains outlets. 1.8 meter flex cord and 10 Amp Australian mains plug. On/off switch and overload switch.

CAT #	RU	MAINS PLUG	OUTLETS	MOUNTING
C1088-001	1	Australian 3-pin	8 x 10A GPO	Horizontal

C14/C20 Inlet PDU's

Rack mounted power distribution boards to suit 19" rack cabinets and wall mounts. Choice of 5 x 10A, 8 x 10A or 10 x 10A Australian AS/NZS mains outlets. IEC-C14 or IEC-C20 inlets. The 5-outlet and 8-outlet panels can be either horizontally or vertically mounted.

| CAT #	RU	MAINS PLUG	OUTLETS	MOUNTING
C10501H14	2	IEC-C14	10 x 10A GPO	Horizontal
C10501H20	2	IEC-C20	10 x 10A GPO	Horizontal
C10505140	1	IEC-C14	5 x 10A GPO	Horizontal/Vertical
C10508140	1	IEC-C14	8 x 10A GPO	Horizontal/Vertical
C10508200	1	IEC-C20	8 x 10A GPO	Horizontal/Vertical

Data Center PDU's

Datamaster® has a wide selection of Data-Centre-Quality Power Distribution Units designed to support Blade Servers and Network Switches. Our range includes basic low-cost units to full-intelligence PDUs that allow real time remote monitoring and management of parameters such as temperature, individual outlet power and equipment overloads. These vertically mounted PDUs are available in standard configurations. Each PDU is individually tested, serialised and covered by a full warranty.

CAT #	MAINS PLUG	OUTLETS	MOUNTING
C10501V14	IEC-C14	10 x 10A GPO	Vertical
C10501V20	IEC-C20	10 x 10A GPO	Vertical
C10502V20	IEC-C20	20 x 10A GPO	Vertical

Power Distribution Units (PDU) - Fully Customised

Datamaster is able to custom manufacture PDU's to suit and cover a wide range of options such as configuration of outlet types (AS/NZS 10 or 15 Amp, IEC-C30 10 or 15 Amp etc.), voltage/current/temperature meters, replaceable fuses or thermal switches. Each PDU is individually tested, serialised and covered by a full warranty.

RS232 Port.

LED display

C13, C19 or 3-pin Power Outlets

C14 or C20 Inlets with Termal Overload Circuit Breaker, an RCD or a Fuse

Hard-wired or 3-phase mains cable
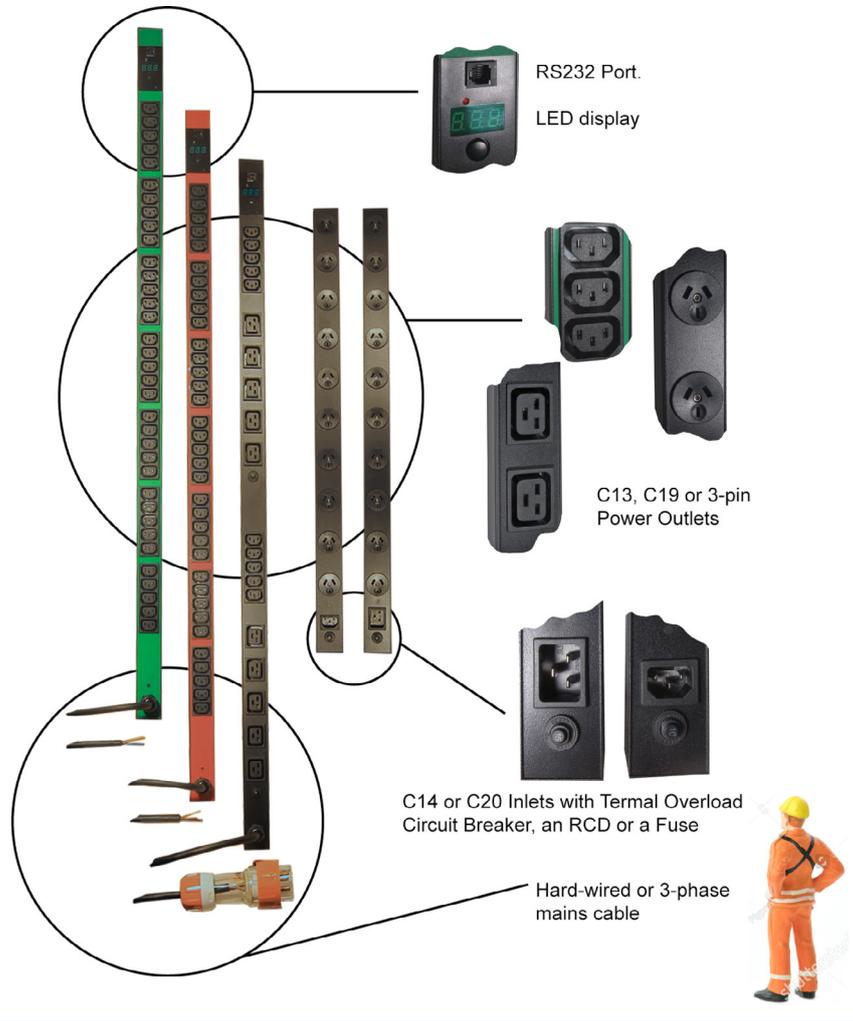
Datamaster's Uninterrupted Power Supply (UPS)

Datamaster's UPS power supplies provide convenient and consistent power to your computer, network and other electronic equipment. Built-in protection features with automatic voltage regulator (AVR), surge, short circuit, overload, overcharge and discharge protection. Automatic self-diagnostic and alarm warnings plus events recorder of power incidents. Simulated sine wave output waveforms, advanced 'green mode', scheduled shutdown and reboot functions for energy saving. Datamaster's UPS is complete with it's user-friendly settings.

CAT #	VA
K3020060	600
K3020080	800
K3020100	1000

CABLE MANAGEMENT

Datamaster® Cable Management Panel

Horizontal 1RU cable management panel. Suits all standard 19" racks. Black colour.

CAT #	RU
P4221	1

Datamaster® Cable Management Panel - ABS

Horizontal 1RU cable management panel. Plastic cable rings enable fast assembly. End rings can be fitted in horizontal or vertical direction. Suits all standard 19" racks. Black colour.

CAT #	RU
P4221ABS	1

Datamaster® Covered Cable Management Panel

Horizontal 1RU or 2RU covered cable management panel. Top and bottom slots allow cables to exit neatly for tidy professional finish. Suits all standard 19" racks. Black colour.

CAT #	RU	SLOTS
P4221COV	1	15
P4222COV	2	12

Datamaster® Brush Slot Cable Management Panel

Horizontal 1RU cable management panel. Slot with brush allows cables to pass through the panel from front to back. The brush fills slot for tidy professional finish. Suits all standard 19" racks. Black colour.

CAT #	RU
P4221BRU	1

Datamaster® Cable Support Bar

This bar mounts on the rear of our 24-port Cat5e and Cat-6 Patch Panels to support premises wiring. Black colour.

CAT #
P4226

Datamaster® 1RU 19" Blank Panel

Horizontal 19" 1RU blank panel. Covers unused cabinet slots for tidy professional finish . Suits all standard 19" racks. Black colour.

CAT #	RU
P4220-001	1

Datamaster® Cable Ties

12mm wide cable ties available in 5 colours. Typical applications include cable management of patch panels and network cabinets. 200mm length allows tidy wrapping of cable bundles up to 60mm in diameter. Ideal for Cat5e, Cat6 and Cat6a cables as the soft wrap does not deform twisted pair arrangements.

CAT #	COLOUR	LENGTH	PACK
C1838BLU10	Blue	200mm	10
C1838GRN10	Green	200mm	10
C1838RED10	Red	200mm	10
C1838YEL10	Yellow	200mm	10

Datamaster® Cable Tie Roll

16mm wide cable tie on a 25 Metre roll in black colour. Typical applications include cable management of patch panels and network cabinets. Continuous roll allows appropriate length to be used for tidy wrapping of cable bundles of any diameter. Ideal for Cat5e, Cat6 and Cat6a cables as the soft wrap does not deform twisted pair arrangements.

CAT #	COLOUR	LENGTH
C1035BLK	Black	25 Metre Roll

PATCH PANELS
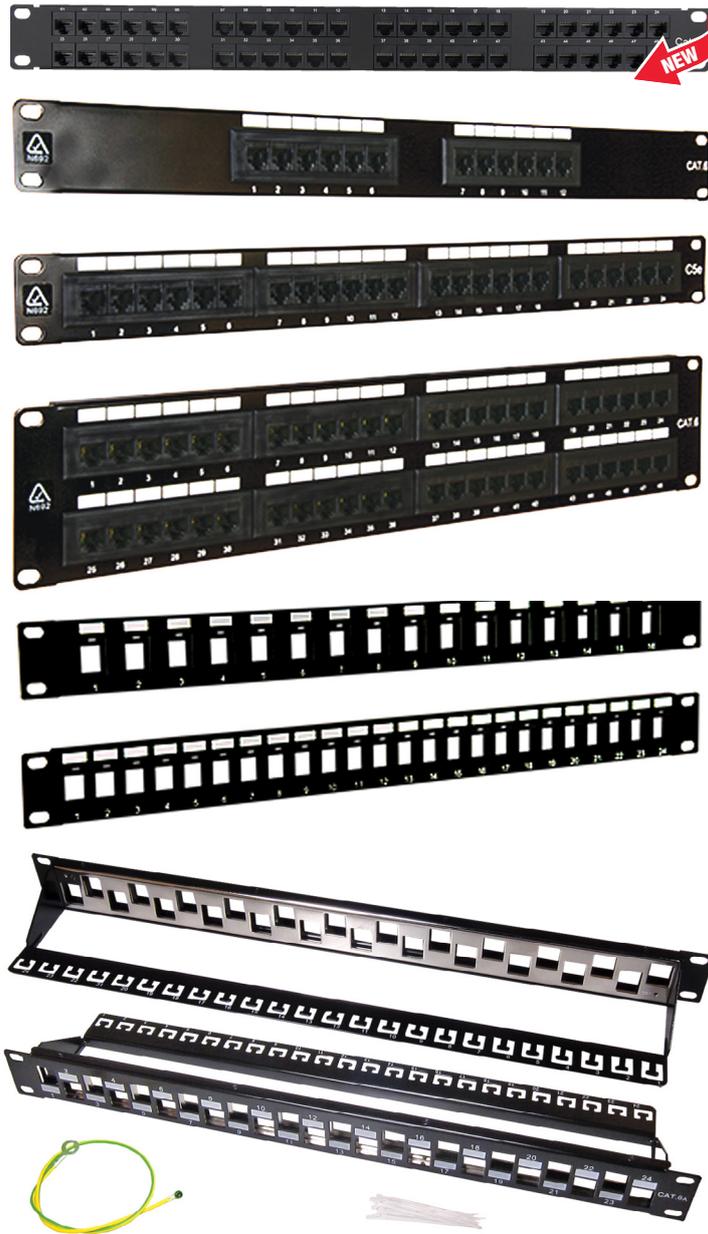
Datamaster®
Cat5e & Cat6 Patch Panels

The transmission characteristics of our patch panels meet the requirements of Cat5e and Cat6 specifications. These panels utilise PCB technology to balance signal transmission and provide low insertion loss, return loss and crosstalk. The IDC terminal block can be used with both Krone and 110 impact tools and has combined T568A & T568B colour coding for easy installation. Design incorporates nylon loops for cable management. An optional cable support bar is available to suit our 24-port panels.

CAT #	PORTS	RU	CATEGORY
P4013	12	1	Cat5e
P4025	24	1	Cat5e
P4049	48	2	Cat5e
P4014	12	1	Cat6
P4026	24	1	Cat6
P4050	48	2	Cat6
P4051	48	1	Cat6 inc Flat

Datamaster®
Keystone Panels

Unloaded 16 or 24 port 19" 1RU keystone panels. Compatible with standard Cat5e and Cat6 keystone jacks and other keystone inserts. Matt black finish.

CAT #	PORTS	RU
P4116	16	1
P4124	24	1

Datamaster® Cat6a
Keystone Shielded Panel

Unloaded 24 port 19" 1RU keystone panel. Compatible with Cat6a shielded keystone jacks and other keystone inserts. Staggered panel face and rear cable support bar for improved cable management. Matt black finish.

CAT #	RU
P4124-06A	1

Cat5e Coupler

Cat5e coupler can be used to link 2 patch cords together or as a gender changer. The 1-1 wiring configuration is compatible with both T568A and T568B wiring schemes. Colour is white.

CAT #	COLOUR
P2325	White

Cat5e Splitter
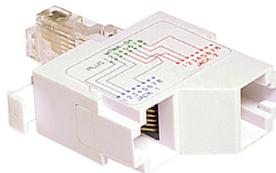
Cat5e splitters enable 2 different devices to share the same cable and outlet. They are usually used in pairs, one at the outlet and one at the patch panel. Narrow design is ideal for high-density patch panels because the two sockets are mounted vertically to avoid blocking neighbouring sockets. Several standard wiring variants are available. Colour is white.

CAT #	COLOUR	TYPE
P2332	White	Voice + Voice
P2334	White	Data + Data
P2335	White	Voice + Voice
P2337	White	Parallel

Cat5e Splitter

Cat5e splitters enable two different devices to share the same cable. They are usually used in pairs, one at the outlet and one at the patch panel. The 100mm cord allows use in high-density panels. Several wiring configurations are available to split the four pairs to suit different applications. Packed in a zip-lock bag. Colour is Ash.

CAT #	COLOUR	TYPE
P2312	Ash	Voice + Voice
P2313	Ash	Voice + Voice
P2314	Ash	Voice + Data
P2315	Ash	Data + Data
P2317	Ash	Parallel

DATAMASTER®

CAT5E PATCH CABLE

Datamaster® Cat5e UTP Patch Cable

- Made from 100% Oxygen-Free Copper
- 4 twisted pairs (multi-stranded) T568A colour code
- RJ45-RJ45 connectors with Snagless Boots
- Injection-moulded connectors ensure the highest quality and outstanding strain relief
- Supplied in Datamaster® Poly Hang-cell bags
- Custom-made cables – lengths, colours & printing – are also available

ASH

CAT #	LENGTH
W2640ASH	250mm
W2650ASH	500mm
W2651ASH	1.0 Metre
W2648ASH	1.5 Metre
W2652ASH	2.0 Metre
W2644ASH	2.5 Metre
W2653ASH	3.0 Metre
W2654ASH	4.0 Metre
W2655ASH	5.0 Metre
W2660ASH	10 Metre
W2665ASH	15 Metre
W2670ASH	20 Metre
W2675ASH	30 Metre

BLACK

CAT #	LENGTH
W2640BLK	250mm
W2650BLK	500mm
W2651BLK	1.0 Metre
W2648BLK	1.5 Metre
W2652BLK	2.0 Metre
W2644BLK	2.5 Metre
W2653BLK	3.0 Metre
W2654BLK	4.0 Metre
W2655BLK	5.0 Metre
W2660BLK	10 Metre
W2665BLK	15 Metre
W2670BLK	20 Metre
W2675BLK	30 Metre

BLUE

CAT #	LENGTH
W2640BLU	250mm
W2650BLU	500mm
W2651BLU	1.0 Metre
W2648BLU	1.5 Metre
W2652BLU	2.0 Metre
W2644BLU	2.5 Metre
W2653BLU	3.0 Metre
W2654BLU	4.0 Metre
W2655BLU	5.0 Metre
W2660BLU	10 Metre
W2665BLU	15 Metre
W2670BLU	20 Metre
W2675BLU	30 Metre
W2677BLU	50 Metre

GREEN

CAT #	LENGTH
W2640GRN	250mm
W2650GRN	500mm
W2651GRN	1.0 Metre
W2648GRN	1.5 Metre
W2652GRN	2.0 Metre
W2644GRN	2.5 Metre
W2653GRN	3.0 Metre
W2654GRN	4.0 Metre
W2655GRN	5.0 Metre
W2660GRN	10 Metre
W2665GRN	15 Metre
W2670GRN	20 Metre
W2675GRN	30 Metre

ORANGE

CAT #	LENGTH
W26400RA	250mm
W26500RA	500mm
W26510RA	1.0 Metre
W26480RA	1.5 Metre
W26520RA	2.0 Metre
W26440RA	2.5 Metre
W26530RA	3.0 Metre
W26540RA	4.0 Metre
W26550RA	5.0 Metre
W26600RA	10 Metre
W26650RA	15 Metre
W26700RA	20 Metre
W26750RA	30 Metre

PINK

CAT #	LENGTH
W2640PNK	250mm
W2650PNK	500mm
W2651PNK	1.0 Metre
W2648PNK	1.5 Metre
W2652PNK	2.0 Metre
W2644PNK	2.5 Metre
W2653PNK	3.0 Metre
W2654PNK	4.0 Metre
W2655PNK	5.0 Metre
W2660PNK	10 Metre
W2665PNK	15 Metre
W2670PNK	20 Metre
W2675PNK	30 Metre

PURPLE

CAT #	LENGTH
W2640PUR	250mm
W2650PUR	500mm
W2651PUR	1.0 Metre
W2648PUR	1.5 Metre
W2652PUR	2.0 Metre
W2644PUR	2.5 Metre
W2653PUR	3.0 Metre
W2654PUR	4.0 Metre
W2655PUR	5.0 Metre
W2660PUR	10 Metre
W2665PUR	15 Metre
W2670PUR	20 Metre
W2675PUR	30 Metre

RED

CAT #	LENGTH
W2640RED	250mm
W2650RED	500mm
W2651RED	1.0 Metre
W2648RED	1.5 Metre
W2652RED	2.0 Metre
W2644RED	2.5 Metre
W2653RED	3.0 Metre
W2654RED	4.0 Metre
W2655RED	5.0 Metre
W2660RED	10 Metre
W2665RED	15 Metre
W2670RED	20 Metre
W2675RED	30 Metre

WHITE

CAT #	LENGTH
W2640WHI	250mm
W2650WHI	500mm
W2651WHI	1.0 Metre
W2648WHI	1.5 Metre
W2652WHI	2.0 Metre
W2644WHI	2.5 Metre
W2653WHI	3.0 Metre
W2654WHI	4.0 Metre
W2655WHI	5.0 Metre
W2660WHI	10 Metre
W2665WHI	15 Metre
W2670WHI	20 Metre
W2675WHI	30 Metre

YELLOW

CAT #	LENGTH
W2640YEL	250mm
W2650YEL	500mm
W2651YEL	1.0 Metre
W2648YEL	1.5 Metre
W2652YEL	2.0 Metre
W2644YEL	2.5 Metre
W2653YEL	3.0 Metre
W2654YEL	4.0 Metre
W2655YEL	5.0 Metre
W2660YEL	10 Metre
W2665YEL	15 Metre
W2670YEL	20 Metre
W2675YEL	30 Metre

Datamaster® Cat5e Cross-over Cords
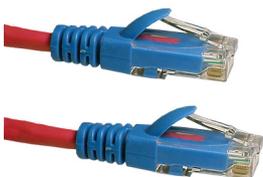
Wiring is cross-over T568A to T568B which is used to daisy-chain switches/hubs or for direct connection of 2 computer network interface cards. Red cord jacket with Blue injection-moulded boots minimises chance of confusion with straight-through cords.

CAT #	LENGTH
W2681RED	1.0 Metre
W2682RED	2.0 Metre
W2683RED	3.0 Metre
W2685RED	5.0 Metre
W2690RED	10 Metre
W2691RED	15 Metre
W2692RED	20 Metre
W2696RED	30 Metre

Datamaster® Cat5e Shielded UV Stabilised

NEW

UV Stabilised Cat5e Solid Shielded Patch Cable. Suitable for outdoor use and due to its tough, thick UV-Stabilised jacket can be exposed to sunlight. FTP Foiled Twisted Pair.

CAT #	LENGTH
W88561UNI	1.0 Metre
W88562UNI	2.0 Metre

www.accesscomms.com.au | sales@accesscomms.com.au

ACCESS COMMUNICATIONS PTY LTD

DATAMASTER®

CAT6 PATCH CABLE

Datamaster® Cat6 UTP Patch Cable

• Cat6 cable is standard for Gigabit Ethernet and other network protocols
  that are backward compatible with Cat5/5e and Cat3 standards
• Made from 100% Oxygen-Free Copper
• 4 twisted pairs (multi-stranded) T568A colour code
• RJ45-RJ45 connectors with Snagless Boots
• Injection-moulded connectors ensure the highest quality and outstanding strain relief
• Supplied in Datamaster® Poly Hang-cell bags
• Custom-made cables – lengths, colours & printing – are also available

ASH

CAT #	LENGTH
W2740ASH	250mm
W2750ASH	500mm
W2751ASH	1.0 Metre
W2748ASH	1.5 Metre
W2752ASH	2.0 Metre
W2744ASH	2.5 Metre
W2753ASH	3.0 Metre
W2754ASH	4.0 Metre
W2755ASH	5.0 Metre
W2760ASH	10 Metre
W2765ASH	15 Metre
W2770ASH	20 Metre
W2775ASH	30 Metre

BLACK

CAT #	LENGTH
W2740BLK	250mm
W2750BLK	500mm
W2751BLK	1.0 Metre
W2748BLK	1.5 Metre
W2752BLK	2.0 Metre
W2744BLK	2.5 Metre
W2753BLK	3.0 Metre
W2754BLK	4.0 Metre
W2755BLK	5.0 Metre
W2760BLK	10 Metre
W2765BLK	15 Metre
W2770BLK	20 Metre
W2775BLK	30 Metre

BLUE

CAT #	LENGTH
W2740BLU	250mm
W2750BLU	500mm
W2751BLU	1.0 Metre
W2748BLU	1.5 Metre
W2752BLU	2.0 Metre
W2744BLU	2.5 Metre
W2753BLU	3.0 Metre
W2754BLU	4.0 Metre
W2755BLU	5.0 Metre
W2760BLU	10 Metre
W2765BLU	15 Metre
W2770BLU	20 Metre
W2775BLU	30 Metre

GREEN

CAT #	LENGTH
W2740GRN	250mm
W2750GRN	500mm
W2751GRN	1.0 Metre
W2748GRN	1.5 Metre
W2752GRN	2.0 Metre
W2744GRN	2.5 Metre
W2753GRN	3.0 Metre
W2754GRN	4.0 Metre
W2755GRN	5.0 Metre
W2760GRN	10 Metre
W2765GRN	15 Metre
W2770GRN	20 Metre
W2775GRN	30 Metre

ORANGE

CAT #	LENGTH
W27400RA	250mm
W27500RA	500mm
W27510RA	1.0 Metre
W27480RA	1.5 Metre
W27520RA	2.0 Metre
W27440RA	2.5 Metre
W27530RA	3.0 Metre
W27540RA	4.0 Metre
W27550RA	5.0 Metre
W27600RA	10 Metre
W27650RA	15 Metre
W27700RA	20 Metre
W27750RA	30 Metre

PINK

CAT #	LENGTH
W2740PNK	250mm
W2750PNK	500mm
W2751PNK	1.0 Metre
W2748PNK	1.5 Metre
W2752PNK	2.0 Metre
W2744PNK	2.5 Metre
W2753PNK	3.0 Metre
W2754PNK	4.0 Metre
W2755PNK	5.0 Metre
W2760PNK	10 Metre
W2765PNK	15 Metre
W2770PNK	20 Metre
W2775PNK	30 Metre

PURPLE

CAT #	LENGTH
W2740PUR	250mm
W2750PUR	500mm
W2751PUR	1.0 Metre
W2748PUR	1.5 Metre
W2752PUR	2.0 Metre
W2744PUR	2.5 Metre
W2753PUR	3.0 Metre
W2754PUR	4.0 Metre
W2755PUR	5.0 Metre
W2760PUR	10 Metre
W2765PUR	15 Metre
W2770PUR	20 Metre
W2775PUR	30 Metre

RED

CAT #	LENGTH
W2740RED	250mm
W2750RED	500mm
W2751RED	1.0 Metre
W2748RED	1.5 Metre
W2752RED	2.0 Metre
W2744RED	2.5 Metre
W2753RED	3.0 Metre
W2754RED	4.0 Metre
W2755RED	5.0 Metre
W2760RED	10 Metre
W2765RED	15 Metre
W2770RED	20 Metre
W2775RED	30 Metre

WHITE

CAT #	LENGTH
W2740WHI	250mm
W2750WHI	500mm
W2751WHI	1.0 Metre
W2748WHI	1.5 Metre
W2752WHI	2.0 Metre
W2744WHI	2.5 Metre
W2753WHI	3.0 Metre
W2754WHI	4.0 Metre
W2755WHI	5.0 Metre
W2760WHI	10 Metre
W2765WHI	15 Metre
W2770WHI	20 Metre
W2775WHI	30 Metre

YELLOW

CAT #	LENGTH
W2740YEL	250mm
W2750YEL	500mm
W2751YEL	1.0 Metre
W2748YEL	1.5 Metre
W2752YEL	2.0 Metre
W2744YEL	2.5 Metre
W2753YEL	3.0 Metre
W2754YEL	4.0 Metre
W2755YEL	5.0 Metre
W2760YEL	10 Metre
W2765YEL	15 Metre
W2770YEL	20 Metre
W2775YEL	30 Metre

Datamaster® Cat6 Crossover
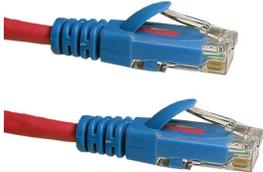
Category 6 cables with all 4 pairs crossed over. Suitable for 10/100 or Gigabit applications that require cross-over wiring. Red cord jacket with Blue injection moulded boots minimises chance of confusion with straight-through cords. Boots have snag-less design to avoid entanglement with other cords during hook-up.

CAT #	LENGTH
W2780RED	500mm
W2781RED	1.0 Metre
W2782RED	2.0 Metre
W2783RED	3.0 Metre
W2785RED	5.0 Metre
W2790RED	10 Metre
W2791RED	15 Metre
W2792RED	20 Metre

Cat6 Coupler

Cat-6 coupler can be used to link 2 patch cords together or as a gender changer. The 1-1 wiring configuration is compatible with both T568A and T568B wiring schemes. Colour is white.

CAT #	COLOUR
P2326	White

DATAMASTER®

CAT6 SLIM & FLAT PATCH CORDS

Datamaster® Cat6 Slim UTP Patch Cords

• Slim; 40% smaller diameter than standard Patch cable
• Flexible; able to bend at a tight radius
• LSZH jacket
• Made from 100% Oxygen-Free Copper
• 4 twisted pairs (multi-stranded) T568A colour code
• 28AWG
• RJ45-RJ45 connectors
• Custom-made cables – lengths, colours & printing – are also available

BLACK

CAT #	LENGTH
W2640SLIBLK	250mm
W2650SLIBLK	500mm
W2651SLIBLK	1.0 Metre
W2648SLIBLK	1.5 Metre
W2652SLIBLK	2.0 Metre
W2653SLIBLK	3.0 Metre
W2655SLIBLK	5.0 Metre

BLUE

CAT #	LENGTH
W2640SLIBLU	250mm
W2650SLIBLU	500mm
W2651SLIBLU	1.0 Metre
W2648SLIBLU	1.5 Metre
W2652SLIBLU	2.0 Metre
W2653SLIBLU	3.0 Metre
W2655SLIBLU	5.0 Metre
W2660SLIBLU	10 Metre

GREEN

CAT #	LENGTH
W2640SLIGRN	250mm
W2650SLIGRN	500mm
W2651SLIGRN	1.0 Metre
W2648SLIGRN	1.5 Metre
W2652SLIGRN	2.0 Metre
W2653SLIGRN	3.0 Metre
W2655SLIGRN	5.0 Metre

WHITE

CAT #	LENGTH
W2640SLIWHI	250mm
W2650SLIWHI	500mm
W2651SLIWHI	1.0 Metre
W2648SLIWHI	1.5 Metre
W2652SLIWHI	2.0 Metre
W2653SLIWHI	3.0 Metre
W2655SLIWHI	5.0 Metre

YELLOW

CAT #	LENGTH
W2640SLIYEL	250mm
W2650SLIYEL	500mm
W2651SLIYEL	1.0 Metre
W2648SLIYEL	1.5 Metre
W2652SLIYEL	2.0 Metre
W2653SLIYEL	3.0 Metre
W2655SLIYEL	5.0 Metre

Datamaster® Cat6 Flat UTP Patch Cords

• Flat profile; ideal for under flooring
• Flexible; able to bend at a tight radius
• Made from 100% Oxygen-Free Copper
• 4 twisted pairs (multi-stranded) T568A colour code
• RJ45-RJ45 connectors

CAT #	LENGTH
W2651FLTBLU	1.0 Metre
W2652FLTBLU	2.0 Metre
W2653FLTBLU	3.0 Metre
W2655FLTBLU	5.0 Metre
W2660FLTBLU	10 Metre

Datamaster® Cat6 Patch Panel

NEW

48 Port 1 RU High density Cat6 Patch Panel comes with cable management and easily removable 5 port modules to allow "no fuss" rapid termination while preserving the high density profile. This panel uses PCB technology to balance signal transmission and to provide low insertion loss, return loss and crosstalk. The IDC terminal block can be used with both Krone and 110 impact tools and has combined T568A & T568B colour coding for easy installation. This panel provides the perfect partner to our DATAMASTER SLIM and FLAT patch cords when planning your next high density installation.

CAT #	PORTS	RU	CATEGORY
P4051	48	1	Cat6

IDEAL FOR UNDER FLOORING.

DATAMASTER®

ACCESS COMMUNICATIONS PTY LTD

CAT6A PATCH CABLE

Datamaster® Cat6a S/FTP LSZH Patch Cords

- S/FTP Cat6a patch cables are standard for Gigabit and 10-Gigabit network connections.
- Made from 100% Oxygen-Free Copper.
- 4 twisted pairs (multi-stranded) T568B colour code.
- Shielded modular plugs
- RJ45-RJ45 connectors with Snagless Latch Protectors.
- Injection-moulded ensure the highest quality and outstanding strain relief.
- Supplied in Datamaster® Poly Hang-cell bags.
- Custom-made cables – lengths, colours & printing – are also available.

ASH

CAT #	LENGTH
W2841ASH	300mm
W2850ASH	500mm
W2851ASH	1.0 Metre
W2848ASH	1.5 Metre
W2852ASH	2.0 Metre
W2844ASH	2.5 Metre
W2853ASH	3.0 Metre
W2854ASH	4.0 Metre
W2855ASH	5.0 Metre
W2856ASH	6.0 Metre
W2858ASH	8.0 Metre
W2860ASH	10 Metre
W2865ASH	15 Metre
W2870ASH	20 Metre
W2875ASH	30 Metre

BLACK

CAT #	LENGTH
W2841BLK	300mm
W2850BLK	500mm
W2851BLK	1.0 Metre
W2848BLK	1.5 Metre
W2852BLK	2.0 Metre
W2844BLK	2.5 Metre
W2853BLK	3.0 Metre
W2854BLK	4.0 Metre
W2855BLK	5.0 Metre
W2856BLK	6.0 Metre
W2858BLK	8.0 Metre
W2860BLK	10 Metre
W2865BLK	15 Metre
W2870BLK	20 Metre
W2875BLK	30 Metre

BLUE

CAT #	LENGTH
W2841BLU	300mm
W2850BLU	500mm
W2851BLU	1.0 Metre
W2848BLU	1.5 Metre
W2852BLU	2.0 Metre
W2844BLU	2.5 Metre
W2853BLU	3.0 Metre
W2854BLU	4.0 Metre
W2855BLU	5.0 Metre
W2856BLU	6.0 Metre
W2858BLU	8.0 Metre
W2860BLU	10 Metre
W2865BLU	15 Metre
W2870BLU	20 Metre
W2875BLU	30 Metre

GREEN

CAT #	LENGTH
W2841GRN	300mm
W2850GRN	500mm
W2851GRN	1.0 Metre
W2848GRN	1.5 Metre
W2852GRN	2.0 Metre
W2844GRN	2.5 Metre
W2853GRN	3.0 Metre
W2854GRN	4.0 Metre
W2855GRN	5.0 Metre
W2856GRN	6.0 Metre
W2858GRN	8.0 Metre
W2860GRN	10 Metre
W2865GRN	15 Metre
W2870GRN	20 Metre
W2875GRN	30 Metre

ORANGE

CAT #	LENGTH
W2841RA	300mm
W28500RA	500mm
W28510RA	1.0 Metre
W28480RA	1.5 Metre
W28520RA	2.0 Metre
W28440RA	2.5 Metre
W28530RA	3.0 Metre
W28540RA	4.0 Metre
W28550RA	5.0 Metre
W28560RA	6.0 Metre
W28580RA	8.0 Metre
W28600RA	10 Metre
W28650RA	15 Metre
W28700RA	20 Metre
W28750RA	30 Metre

PINK

CAT #	LENGTH
W2841PNK	300mm
W2850PNK	500mm
W2851PNK	1.0 Metre
W2848PNK	1.5 Metre
W2852PNK	2.0 Metre
W2844PNK	2.5 Metre
W2853PNK	3.0 Metre
W2854PNK	4.0 Metre
W2855PNK	5.0 Metre
W2856PNK	6.0 Metre
W2858PNK	8.0 Metre
W2860PNK	10 Metre
W2865PNK	15 Metre
W2870PNK	20 Metre
W2875PNK	30 Metre

PURPLE

CAT #	LENGTH
W2841PUR	300mm
W2850PUR	500mm
W2851PUR	1.0 Metre
W2848PUR	1.5 Metre
W2852PUR	2.0 Metre
W2844PUR	2.5 Metre
W2853PUR	3.0 Metre
W2854PUR	4.0 Metre
W2855PUR	5.0 Metre
W2856PUR	6.0 Metre
W2858PUR	8.0 Metre
W2860PUR	10 Metre
W2865PUR	15 Metre
W2870PUR	20 Metre
W2875PUR	30 Metre

RED

CAT #	LENGTH
W2841RED	300mm
W2850RED	500mm
W2851RED	1.0 Metre
W2848RED	1.5 Metre
W2852RED	2.0 Metre
W2844RED	2.5 Metre
W2853RED	3.0 Metre
W2854RED	4.0 Metre
W2855RED	5.0 Metre
W2856RED	6.0 Metre
W2858RED	8.0 Metre
W2860RED	10 Metre
W2865RED	15 Metre
W2870RED	20 Metre
W2875RED	30 Metre

WHITE

CAT #	LENGTH
W2841WHI	300mm
W2850WHI	500mm
W2851WHI	1.0 Metre
W2848WHI	1.5 Metre
W2852WHI	2.0 Metre
W2844WHI	2.5 Metre
W2853WHI	3.0 Metre
W2854WHI	4.0 Metre
W2855WHI	5.0 Metre
W2856WHI	6.0 Metre
W2858WHI	8.0 Metre
W2860WHI	10 Metre
W2865WHI	15 Metre
W2870WHI	20 Metre
W2875WHI	30 Metre

YELLOW

CAT #	LENGTH
W2841YEL	300mm
W2850YEL	500mm
W2851YEL	1.0 Metre
W2848YEL	1.5 Metre
W2852YEL	2.0 Metre
W2844YEL	2.5 Metre
W2853YEL	3.0 Metre
W2854YEL	4.0 Metre
W2855YEL	5.0 Metre
W2856YEL	6.0 Metre
W2858YEL	8.0 Metre
W2860YEL	10 Metre
W2865YEL	15 Metre
W2870YEL	20 Metre
W2875YEL	30 Metre

Cat6a Shielded Keystone Jack

Suitable for use with all Keystone flush plates, surface boxes and Cat-6A shielded keystone patch panels including our DATAMASTER range. Can also be fitted to Australian HPM and Clipsal flush plates by using Clipsal and HPM keystone bezels (DATAMASTER P4590 Clipsal and P4592 HPM). Terminated with 110 IDC Impact Tool. Combined T568A & T568B colour coding for easy installation. Packaged in individual bags.

CAT #	COLOUR
P4516-001	Silver Nickle

Datamaster® Cat6a Keystone Shielded Panel

Unloaded 24 port 19" 1RU keystone panel. Compatible with Cat6a shielded keystone jacks and other keystone inserts. Staggered panel face and rear cable support bar for improved cable management. Matt black finish.

CAT #	RU
P4124-06A	1

DATAMASTER

OPTICAL FIBRE PATCH CABLE

Datamaster® Duplex Multimode OM4 LC to LC Fibre Patch Cords

Fibre optic duplex multimode patch cord fitted with duplex LC connector on both ends. 50/125μm (50μm fibre with 125μm cladding) OM4 fibre with 3.0mm LSZH (Low Smoke Zero Halogen) purple jacket. Used for general fibre applications which include fibre switches, patch panels and servers. Duplex fibre consists of two fibres in a figure-8 configuration which is required for applications that require simultaneous, bi-directional data.

CAT #	LENGTH	COLOUR
F2422-010	1.0 Metre	Purple
F2422-020	2.0 Metre	Purple
F2422-030	3.0 Metre	Purple
F2422-050	5.0 Metre	Purple
F2422-100	10 Metre	Purple

## Datamaster® Duplex Singlemode OS2 LC to LC Fibre Patch Cords

Fibre optic duplex singlemode patch cord fitted with duplex LC connector on both ends. 9/125μm (9μm fibre with 125μm cladding) OS2 fibre with 3.0mm LSZH (Low Smoke Zero Halogen) yellow jacket. Singlemode duplex fibre optic patch cords are typically identified by their blue connector colour and are used for general fibre applications which include fibre switches, patch panels and servers. Duplex fibre consists of two fibres in a figure-8 configuration which is required for applications that require simultaneous, bi-directional data.

CAT #	LENGTH	COLOUR
F1222-010	1.0 Metre	Yellow
F1222-020	2.0 Metre	Yellow
F1222-030	3.0 Metre	Yellow
F1222-050	5.0 Metre	Yellow
F1222-100	10 Metre	Yellow
F1222-150	15 Metre	Yellow
F1222-200	20 Metre	Yellow

Datamaster® Fibre 24 Port Fixed Tray With 24 LC to LC

NEW

Fixed Tray Fibre Optic Patch Panel with 24-ports. 1RU populated with 24 LC to LC duplex adaptors.

CAT #	Port
P4030010	24

Datamaster® Fibre 24 Port Sliding Tray With 24 OM4 LC to LC

NEW
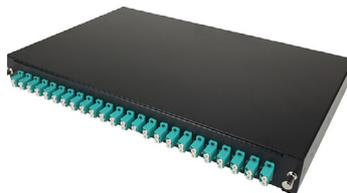
Sliding Tray Fibre Optic Patch Panel with 24-ports. 1RU populated with 24 OM4 LC to LC duplex adaptors.

CAT #	Port
P4030020	24

Datamaster® LC to LC Fibre Keystone Insert

NEW

LC-LC Fibre Keystone Insert with Multi-purpose keystone design that snaps easily into Fibre wall plates, blank patch panels or mounting box. Interchangeable and replaceable.

CAT #	Pack
P4722LCLC	1

ACCESS COMMUNICATIONS PTY LTD

SELECTING QUALITY CABLE

Selecting quality cable is always the best option.

With the variants available in the ethernet cable market, sometimes it's difficult to know what quality cable is and why it's the better option. Datamaster ethernet cable is quality and we don't believe in lowering our quality to be the cheapest in the market. We do believe in being competitively priced. We've compiled a guide to what to look for when purchasing ethernet cable and why Datamaster is the quality choice.

1. Datamaster is made from 100% pure, oxygen-free copper.

• Anything less than 100% copper is illegal, including copper clad steel.

• 'Pure' & 'oxygen-free' are terms that refer to the copper not being recycled and reused.

• Anything less than 100% pure, oxygen free copper will give intermittent signal and performance.

• Datamaster complies with Australian requirements for customer cabling products RCM.

E4073

• Datamaster is also RoHS compliant (EU Restriction of Hazardous Substances) & verified to exceed ISO/IEC11801 standards (International I.T. requirements).

2. Datamaster is manufactured to exceed the data performance standards.

Exceeding the standard:
• Allows for fluctuations in environmental (site) factors including installation & interference issues.

• Just meeting the standards will falter post installation. If a cable just meets the standard in a controlled lab environment, it's downhill from there.

• All Datamaster Ethernet cable is FLUKE® tested, verified performance.

3. Datamaster guarantees the performance standards are exceeded & offer a limited lifetime warranty.

• Datamaster' performance standards are verified, which is why we can guarantee the performance.

Limited LIFETIME *
PERFORMANCE GUARANTEED
★★★★★

*WARRANTY
Warranty begins from purchase date of the item (invoice date). For warranty/service issues, please contact your place of purchase. Please hold on to your original receipt. The warranty covers any production and material defects of bona fide purchased product. The following is **NOT COVERED** by the warranty: Accidents, misuse, poor maintenance, electrical overloads such as lightening or voltage. Must be installed by a qualified installer, no DIY. No abuse. Incorrect installation of product. Tampered outer casing. Transportation costs for service call. Replacement item cannot exceed the cost of the item under warranty. The supplier is responsible for only repair or replacement.

Ethernet cable variants.

ABBREVIATIONS (USED BY DATAMASTER)	ALSO KNOWN AS	CABLE SHIELDING	PAIR SHIELDING
UTP Unshielded Twisted Pair (UTP): Found in many Ethernet & telephone systems, computer networking, video applications (security).	U/UTP	None	None
FTP Foil Twisted Pair (FTP): Overall foil across all twisted pairs. Helpful in preventing Electro Magnetic Interference (EMI) from entering/exiting the cable.	F/UTP, STP, ScTP	Foil	None
S/FTP Shielded Foil Twisted Pair (S/FTP): Foil shielding each twisted pair with an outer foil or braiding. Also known as Fully shielded twisted pair. Helpful in preventing EMI and crosstalk between the pairs.	SSTP, SFTP, STP, PiMF	Braiding	Foil
S/UTP	STP, ScTP	Braiding	None
SF/UTP	SFTP, S-FTP, STP	Braiding & Foil	None
F/FTP	FFTP	Foil	Foil
SF/FTP	SSTP, SFTP	Braiding & Foil	Foil

TP = Twisted Pair   **U** = Unshielded   **F** = Foil Shielding   **S** = Braided Shielding (outer layer only)

Reference guide for the category standards.

STANDARD (NAME)	MAXIMUM BANDWIDTH	MAXIMUM DISTANCE	MAXIMUM DATA RATE
Level 1 (CAT 1)	0.4MHz		1Mbps
Level (Cat 2)	4MHz		4Mbps
Category 3	10MHz		10Mbps
Category 4	20MHz		16Mbps
Category 5	100MHz	100 metres	100Mbps
Category 5e (Class D)	100MHz	100 metres	1Gbps
Category 6 (Class E)	250MHz	100 metres (55 metres)	1Gbps 10Gbps (limited distance)
Category 6a (Class Ea)	500MHz	100 metres	10Gbps
CAT7a (Class F)	600MHz		10Gbps
CAT7a	1000MHz		10Gbps
CAT8	1600-2000MHz		40Gbps

CAT5E CABLE

REEL IN BOX

Cat5e Stranded Conductor UTP Cable

Our quality Cat-5e stranded conductor cable is suitable for assembly of patch cords. 4 twisted pairs 24AWG with 7/0.20mm² stranded conductors. Available on 100 and 305 metre reels or in durable 305 metre 5-ply pull-boxes. Count-down metre-marking.

CAT #	COLOUR	PACKING
Y8100ASH	Ash	305 Metre Pull Box
Y8100BLK	Black	305 Metre Pull Box
Y8101BLU	Blue	100 Metre Reel
Y8100BLU	Blue	305 Metre Pull Box
Y8100GRN	Green	305 Metre Pull Box
Y8100GRY	Grey	305 Metre Pull Box
Y81000RA	Orange	305 Metre Pull Box
Y8100PNK	Pink	305 Metre Pull Box
Y8100PUR	Purple	305 Metre Pull Box
Y8100RED	Red	305 Metre Pull Box
Y8103RED	Red	305 Metre Reel
Y8100WHI	White	305 Metre Pull Box
Y8103WHI	White	305 Metre Reel
Y8100YEL	Yellow	305 Metre Pull Box

Cat5e Solid Conductor UTP Cable

Now available in Reel In Box, quality Cat5e Solid conductor cable using 100% bare copper. 4 twisted pairs 24AWG with 7/0.02mm2 solid copper conductors. Capable of to supporting up to 100Mbps @ 100MHz and reduces the amount of crosstalk, resulting in a greater overall transmission speed. Available in 10 colours, with count down metre marking. Custom branding and colour also available.

CAT #	COLOUR	LENGTH	PACKING
Y8400BLKRIB	Black	305 Metre	Reel in Box
Y8400BLURIB	Blue	305 Metre	Reel in Box
Y8400GRNRIB	Green	305 Metre	Reel in Box
Y8400GRYRIB	Grey	305 Metre	Reel in Box
Y84000RARIB	Orange	305 Metre	Reel in Box
Y8400PNKRIB	Pink	305 Metre	Reel in Box
Y8400PURRIB	Purple	305 Metre	Reel in Box
Y8400REDRIB	Red	305 Metre	Reel in Box
Y8400WHIRIB	White	305 Metre	Reel in Box
Y8400YELRIB	Yellow	305 Metre	Reel in Box
Y8401BLU	Blue	100 Metre	Reel
Y8405BLU	Blue	500 Metre	Reel

Cat5e Solid Conductor FTP Shielded, UV Stabilised Outdoor Cable

UV Stabilised Cat5e Solid Shielded Cable. Suitable for outdoor use – weather proof and able to be exposed to sunlight.

CAT #	COLOUR	LENGTH	PACKING
Y8410001	Black	305 Metre	Reel

Cat5e Stranded Conductor FTP Shielded Cable

Shielded FTP (Foil Twisted Pair) Cat5e cable with 7/0.20mm² stranded conductors in 4 twisted pairs. Conductors are wrapped with aluminium foil shield and mylar tape. Tinned 7/0.30mm² drain wire. Count-down metre-marking.

CAT #	COLOUR	LENGTH	PACKING
Y8153BLU	Blue	305 Metre	Reel
Y8153GRY	Grey	305 Metre	Reel

Cat5e Solid Conductor FTP Shielded Cable

FTP (Foil Twisted Pair) Cat5e cable for premises wiring and applications where shielded cable is required. 4 twisted pairs with solid copper conductors suitable for IDC terminations to patch panels and wall jacks. Conductors are wrapped with aluminium foil shield and Mylar tape. Tinned drain wire. Available in durable 305 metre 5-ply pull-boxes Count-down metre-marking.

CAT #	COLOUR	LENGTH	PACKING
Y8453BLU	Blue	305 Metre	Pull-box
Y8453PNK	Pink	305 Metre	Pull-box

Cat5e Solid Conductor Gel-filled STP Outdoor Cable

Cat-5e cable for outdoor and underground burial. Gel-filled jacket to prevent water ingress. 4 twisted pairs with solid copper conductors suitable for IDC terminations. Supplied on 300 metre reels. Count-down metre-marking.

CAT #	COLOUR	LENGTH	PACKING
Y8485-300	Black	300 Metre	Reel

## Cat5e Stranded Conductor 2-Pair UTP Cable

2-pair Cat5e stranded conductor cable with 2 twisted pairs 24AWG with 7/0.20mm² stranded conductors as used for ISDN patch cords and other applications. Supplied on 305 metre reels. Count-down metre-marking.

CAT #	COLOUR	LENGTH	PACKING
Y8123GRY	Grey	305 Metre	Reel

ACCESS COMMUNICATIONS PTY LTD

CAT6 / CAT6A CABLE

REEL IN BOX

Cat6 Solid Conductor UTP Cable
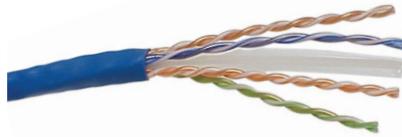
Now available in Reel In Box, with LSZH PVC jacket, Datamaster's quality Cat6 Solid conductor cable uses only 100% bare copper. 4 twisted pairs 23AWG with 1/0.58mm2 solid copper conductors. Capable of performing up to 550MHz, ideal for broadband video transmission and gigabit Ethernet. The significant reduction in crosstalk results in a greater overall transmission speed. Available in 10 colours, with count down metre marking. Custom branding and colour also available.

CAT #	COLOUR	LENGTH	PACKING
Y8500BLKRIB	Black	305 Metre	Reel in Box
Y8500BLURIB	Blue	305 Metre	Reel in Box
Y8500GRNRIB	Green	305 Metre	Reel in Box
Y8500GRYRIB	Grey	305 Metre	Reel in Box
Y85000RARIB	Orange	305 Metre	Reel in Box
Y8500PNKRIB	Pink	305 Metre	Reel in Box
Y8500PURRIB	Purple	305 Metre	Reel in Box
Y8500REDRIB	Red	305 Metre	Reel in Box
Y8500WHIRIB	White	305 Metre	Reel in Box
Y8500YELRIB	Yellow	305 Metre	Reel in Box
Y8501ED	Grey	100 Metre	Reel

Cat6 Solid Conductor FTP Shielded Cable
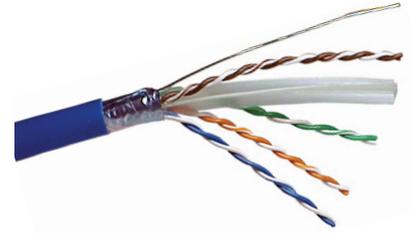
FTP (Foil Twisted Pair) Cat6 cable for premises wiring and applications where shielded cable is required. 4 twisted pairs with solid copper conductors suitable for IDC terminations to patch panels and wall jacks. Conductors are wrapped with aluminium foil shield and Mylar tape. Tinned drain wire. Available on durable 305 metre reels. Count-down metre-marking.

CAT #	COLOUR	LENGTH	PACKING
Y8553BLU	Blue	305 Metre	Reel

Cat6 Stranded Conductor UTP Cable

Our quality Cat6 stranded conductor cable is suitable for assembly of patch cords. Our special P2176 modular plugs should be used when terminating this cable to ensure Cat6 performance. 4 twisted pairs 24AWG with 7/0.20mm² stranded conductors. Available in 305 metre durable 5-ply pull-boxes with count-down metre-marking.

CAT #	COLOUR	LENGTH	PACKING
Y8600BLU	Blue	305 Metre	Pull-box
Y8600GRN	Green	305 Metre	Pull-box
Y8600PUR	Purple	305 Metre	Pull-box
Y8600RED	Red	305 Metre	Pull-box
Y8600YEL	Yellow	305 Metre	Pull-box

Cat6 Solid Conductor STP Gel-filled Cable

Cat6 cable for outdoor and underground burial. Gel-filled jacket to prevent water ingress. 4 twisted pairs with solid copper conductors suitable for IDC terminations. Supplied on 300 metre reels. Count-down metre-marking.

CAT #	COLOUR	LENGTH	PACKING
Y8486-300	Black	300 Metre	Reel

Cat6 Solid Conductor FTP Shielded, UV Stabilised Outdoor Cable
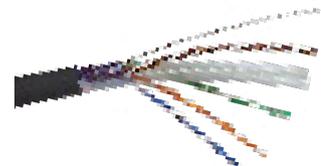
UV Stabilised Cat6 Solid Shielded Cable. Suitable for outdoor use – weather proof and able to be exposed to sunlight.

CAT #	COLOUR	LENGTH	PACKING
Y8510001	Black	305 Metre	Reel

Cat6a Solid Conductor S/FTP LSZH Cable

S/FTP (Shielded and Foil Twisted Pair) Cat6a LSZH (Low Smoke Zero Halogen) cable for premises wiring and applications where double shielded cable is required. Solid copper conductors suitable for IDC terminations to patch panels and wall jacks. Individual foil wrapping of the 4 twisted pairs maintains cable geometry and pair-separation. Additional overall braided shielding. Available in 305 metre wooden reels. Count-down metre-marking.

CAT #	COLOUR	LENGTH	PACKING
Y8700BLU	Blue	305 Metre	Reel
Y8700GRY	Grey	305 Metre	Reel
Y8700PUR	Purple	305 Metre	Reel

DATA & VOICE JACKS

Cat5e IDC Jack

Datamaster's premium RJ45 Cat5e IDC data jack. Compatible with our P4600 series flush plates and most standard Australian flush plates. Also suits our P4611 Surface Boxes. Rear termination with 110 or Krone IDC impact tool. Combined T568A & T568B colour coding for easy installation. Includes a bonus impact safety chassis for safe and speedy termination.

CAT #	COLOUR	PACKING
P4665BLK	Black	50 Bucket
P4665BLU	Blue	50 Bucket
P4665GRN	Green	50 Bucket
P4665-050	White	50 Bucket
P4665YEL	Yellow	50 Bucket
P4665RED	Red	50 Bucket

Cat6 IDC Jack

Datamaster's premium RJ45 Cat6 IDC data jack. Compatible with our P4600 series flush plates and most standard Australian flush plates. Also suits our P4611 Surface Boxes. Rear termination with 110 or Krone IDC impact tool. Combined T568A & T568B colour coding for easy installation. Available in individual Datamaster® zip-top bags or buckets of 50 pieces which include a bonus impact safety chassis for safe and speedy termination.

CAT #	COLOUR	PACKING
P4666BLK	Black	50 Bucket
P4666BLU	Blue	50 Bucket
P4666GRN	Green	50 Bucket
P4666RED	Red	50 Bucket
P4666-050	White	50 Bucket
P4666YEL	Yellow	50 Bucket

Mode-3 Security IDC Jack

Datamaster's RJ45 8P4C IDC jack with 2 IDC connections per contact allowing easy line-in and line-out for typical alarm dialler applications. Compatible with our P4600 series flush plates and most standard Australian flush plates. Also suits our P4611 Surface Boxes. Rear termination with 110 or Krone IDC impact tool. Available in individual Datamaster® zip-top bags or in reusable buckets of 50 pieces which include a bonus impact safety chassis for safe and speedy termination.

CAT #	COLOUR	PACKING
P4663BLU	Blue	50 Bucket

6P4C Telephone IDC Jack

Datamaster's 6P4C IDC jack for telephone applications. 2 IDC connections per contact allowing easy loop-in, loop-out for typical voice applications. Compatible with our P4600 series flush plates and most standard Australian flush plates. Also suits our P4611 Surface Boxes. Rear termination with 110 or Krone IDC impact tool. Available in individual Datamaster® zip-top bags or in reusable buckets of 50 pieces which include a bonus impact safety chassis for safe and speedy termination.

CAT #	COLOUR	PACKING
P4662WHI	White	50 Bucket

8P4C Voice Grade IDC Jack

Datamaster's voice grade RJ45 8P4C IDC jack with 2 IDC connections per contact allowing easy loop-in, loop-out for typical voice applications. Compatible with our P4600 series flush plates and most standard Australian flush plates. Also suits our P4611 Surface Boxes. Rear termination with 110 or Krone IDC impact tool. Available in individual Datamaster® zip-top bags or buckets of 50 pieces which include a bonus impact safety chassis for safe and speedy termination.

CAT #	COLOUR	PACKING
P4664BLK	Black	50 Bucket
P4664BLU	Blue	50 Bucket
P4664GRN	Green	50 Bucket
P4664-050	White	50 Bucket
P4664YEL	Yellow	50 Bucket

Safety Impact Chassis
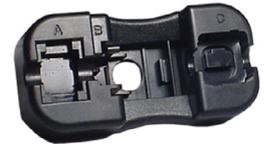
Datamaster's this safety chassis assists with safe and speedy termination of our Voice-Grade IDC Jacks, Cat5e IDC Jacks, Cat6 IDC Jacks, Cat5 Keystone Jacks and Cat6 Keystone Jacks when using either our standard IDC Impact Tool or our IDC connection tool with sensor.

CAT #
T0060

Surface Boxes

Datamaster's side entry surface mount boxes to accept our P4600 series Telephone, Voice, Cat5e, Cat6 and Mode-3 IDC Jacks. Single and double versions available. Snap-on cover for easy installation and access to wiring. Cable entry knock-outs on 3 sides and rear align with old 600 series telephone sockets for easy upgrades. Compatible with our P8620 self-adhesive backing plates and P8630 stacking adaptors for fast installation. The standard colour is white. Supplied unloaded (without jacks) in Datamaster® zip-top bags.

CAT #	PORTS	COLOUR	DIMENSIONS
P4611WHI	1	White	42(W) x 55(H) x 28(D)mm
P4612WHI	2	White	55(W) x 58(H) x 28(D)mm

Workstation Bezel

Adaptor bezels to fit Australian Clipsal Brand or compatible jacks into standard 25.4mm (1 inch) square aperture as used for office workstations. Universal clips fit 1.0mm, 1.5mm and 2.0mm panel thicknesses. Available in either black or white.

CAT #	COLOUR
P4651BLK	Black
P4651WHI	White

Flush Plate Bezel

Adaptor bezels to fit keystone jacks into Australian Clipsal or HPM brand flush plates.

CAT #	SUITS PLATES	COLOUR
P4590	Clipsal	White
P4592	HPM	White

KEYSTONE FLUSH PLATES & CONNECTORS

Keystone Flush Plates

Flush type plates to accept our standard keystone jacks, couplers and F-connectors. Fits standard Australian electrical switch plate installation hardware and screw centres, making it perfect for easy flush installation on gyprock or fibro cavity walls. Supplied unloaded without keystone jacks. Dimensions 70(W) x 114(H) x 6(D)mm.

CAT #	PORTS	COLOUR
P4301	1	White
P4302	2	White
P4303	3	White
P4304	4	White
P4306	6	White

Keystone Surface Boxes

Side entry surface mount boxes to accept our standard keystone 110 jacks or other keystone connectors. Snap-on cover for easy installation and access to wiring. Single and duplex versions available. Double sided tape included for easy installation. The standard colour is white. Supplied unloaded without keystone jacks.

CAT #	PORTS	COLOUR	DIMENSIONS
P4311	1	White	30(W) x 60(H) x 26(D)mm
P4312	2	White	55(W) x 60(H) x 26(D)mm

Cat5e Keystone Jack
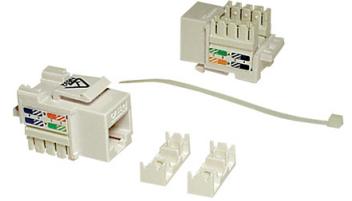
Suitable for use with keystone wall plates, surface boxes and patch panels. Can also be fitted to Australian HPM and Clipsal plates by using an adaptor. Terminated with 110 or Krone impact tool. Combined T568A & T568B colour coding for easy installation. Design incorporates loop for cable management. An impact safety chassis is available for safe and speedy termination. Supplied in individual Datamaster® zip-top bags of 25 pieces which include a bonus safety chassis.

CAT #	COLOUR	PACK
P4511	White	25

Keystone / Flush Plate Mounted HDMI™ Connector

HDMI™ connector for digital audio/video connections. HDMI™ connectors on front and rear for easy HDMI™ cable hook-ups. Universal design allows compatibility with our P4600 series Flush Plates, most standard Australian flush plates and Keystone flush plates and panels.

CAT #	COLOUR
P4659-014	White

Keystone BNC Connector

BNC connector for use with keystone patch panels, flush plates or surface boxes. Front and rear BNC connectors for easy CCTV camera or RGB hook-ups.

CAT #	COLOUR
P4524	White

Cat-6 Keystone Jack
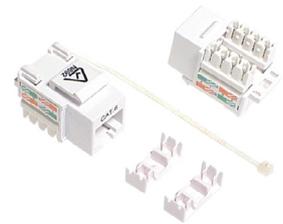
Suitable for use with keystone wall plates, surface boxes and patch panels. Can also be fitted to Australian HPM and Clipsal flush plates by using Clipsal and HPM keystone bezels (DATAMASTER P4590 Clipsal and P4592 HPM). Terminated with 110 or Krone impact tool. Combined T568A & T568B colour coding for easy installation. Design incorporates loop for cable management. Available in individual Datamaster® zip-top bags or buckets of 25 pieces which include a bonus safety chassis.

CAT #	COLOUR	PACKING
P4518	White	25 Bucket

Keystone F-Type Connector

Coaxial threaded F-connector as used for Digital TV, Cable-TV or Sat-TV connections. Fits all standard Keystone flush plates, surface boxes and patch panels.

CAT #	COLOUR
P4522	White

Cat6a Shielded Keystone Jack

Suitable for use with all Keystone flush plates, surface boxes and Cat-6A shielded keystone patch panels including our DATAMASTER range. Can also be fitted to Australian HPM and Clipsal flush plates by using Clipsal and HPM keystone bezels. (DATAMASTER P4590 Clipsal and P4592 HPM) Terminated with 110 IDC Impact Tool. Combined T568A & T568B colour coding for easy installation. Packaged in individual bags.

CAT #	COLOUR
P4516-001	Silver Nickle

Datamaster® Cat6a Keystone Shielded Panel

Unloaded 24 port 19" 1RU keystone panel. Compatible with Cat6a shielded keystone jacks and other keystone inserts. Staggered panel face and rear cable support bar for improved cable management. Matt black finish.

CAT #	RU
P4124-06A	1

FLUSH PLATES

Australian Flush Plates

Datamaster's premium Australian flush plates to accept our premium Voice-Grade, Cat5e or Cat6 IDC jacks. Also compatible with other standard Australian mechanisms and jacks including F-connectors etc. The 2-piece design has a separate back plate and cover, allowing cover to be removed for painting etc. Fits standard Australian electrical switch plate installation hardware and screw centres, making it perfect for easy flush installation on gyprock or fibro cavity walls. Supplied unloaded without jacks, packed in individual Datamaster® zip-top bags inside carton of 10. Standard colour is white, other colours available on request subject to minimum order quantity. Dimensions 116(W) x 75(H) x 13(D)mm.

CAT #	PORTS	COLOUR
P4601WHI	1	White
P4602WHI	2	White
P4603WHI	3	White

CAT #	PORTS	COLOUR
P4604WHI	4	White
P4605WHI	5	White
P4606WHI	6	White

Australian Blank Flush Plate

Australian blank flush plates used for custom-mounting sockets and jacks or for covering disused mounting hardware. The 2-piece design has a separate back plate and cover, allowing cover to be removed for painting etc. Fits standard Australian electrical switch plate installation hardware and screw centers, making it perfect for easy flush installation on gyprock or fibro cavity walls. Packed in individual Datamaster® zip-top bags inside carton of 10. Standard colour is white, other colours available on request subject to minimum order quantity. Dimensions 116(W) x 75(H) x 13(D)mm.

CAT #	COLOUR
P4600WHI	White

Surface Mounting Block 13mm

Datamaster's 13mm deep block for surface mounting standard Australian flush plates. Suits our P4600 series flush plates and most other standard Australian switch plates. Supplied with screws for fitting flush plate. Dimensions 118(W) x 75(H) x 13(D)mm.

CAT #	DEPTH	COLOUR
P4621WHI	13mm	White

Surface Mounting Block 35mm

Datamaster's 35mm deep block for surface mounting standard Australian flush plates. Suits our P4600 series flush plates and most other standard Australian switch plates. Breakouts on all sides allow for cable or conduit entry. Supplied with screws for fitting flush plate. Dimensions 123(W) x 80(H) x 35(D)mm.

CAT #	DEPTH	COLOUR
P4622WHI	35mm	White

Plaster C-Bracket

Datamaster's Galvanised metal bracket for fitting standard Australian flush plates into plaster board. Wall lugs are factory set to suit 12mm thick plaster board but can be adjusted to suit 6mm thick fibro. Dimensions and hole centres suit our P4600 series flush plates and most other standard Australian switch plates.

CAT #
P4631

COUPLERS & SPLITTERS

Cat5e / Cat6 Right-angle Keystone Coupler

Right-angle Cat5e or Cat6 coupler for use with keystone patch panels or keystone wall plates. Allows ready-made patch cords to be used in fixed installations eliminating the use of solid cable, IDC terminations and tools. Can also be fitted to Australian HPM and Clipsal flush plates by using Clipsal and HPM keystone bezels (DATAMASTER P4590 Clipsal and P4592 HPM) The 1-1 wiring configuration is compatible with both T568A and T568B wiring schemes. Colour is white.

CAT #	TYPE	COLOUR
P2324-006	Cat-6	White
P2324	Cat-5E	White

Cat5e Keystone Coupler

Cat5e coupler for use with Keystone patch panels, and flush plates. Allows ready-made Cat5e patch cords to be used in fixed installations eliminating the use of IDC terminations and tools. Can also be fitted to Australian HPM and Clipsal flush plates by using Clipsal and HPM keystone bezels (DATAMASTER P4590 Clipsal and P4592 HPM) The 1-1 wiring configuration is compatible with both T568A and T568B wiring schemes. Colour is black.

CAT #	COLOUR
P2363-B5E	Black

Cat6 Keystone Coupler

Cat6 coupler for use with Keystone patch panels, and flush plates. Allows ready-made Cat6 patch cords to be used in fixed installations eliminating the use of IDC terminations and tools. Can also be fitted to Australian HPM and Clipsal flush plates by using Clipsal and HPM keystone bezels (DATAMASTER P4590 Clipsal and P4592 HPM) The 1-1 wiring configuration is compatible with both T568A and T568B wiring schemes. Colour is black.

CAT #	COLOUR
P2363-B60	Black

Modular to D-sub Adaptor
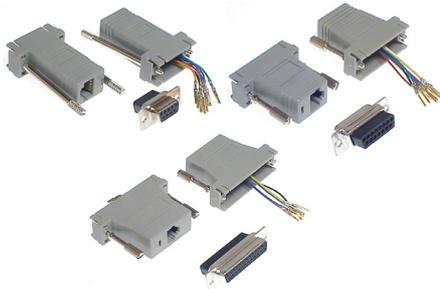
Adapts male or female DB9, DB15 or DB25 connectors plugs to 8 position RJ45 or 6 position RJ11 modular socket. Back shell is pre-wired to modular socket ready to insert pins into desired positions of the DB connector.

CAT #	DB SIZE	DB GENDER	TYPE	COLOUR
P0809	DE-09S (DB9)	Female	8P8C	Grey
P0810	DE-09P (DB9)	Male	8P8C	Grey
P0815	DB-15S (DB15)	Female	8P8C	Grey
P0816	DB-15P (DB15)	Male	8P8C	Grey
P0825	DB-25S (DB25)	Female	8P8C	Grey
P0826	DB-25P (DB25)	Male	8P8C	Grey
P0820	DB-25S (DB25)	Female	6P6C	Grey
P0821	DB-25P (DB25)	Male	6P6C	Grey

Cat5e/6 Coupler

Cat5e/Cat6 coupler can be used to link 2 patch cords together or as a gender changer. The 1-1 wiring configuration is compatible with both T568A and T568B wiring schemes. Colour is white.

CAT #	COLOUR	TYPE
P2325	White	Cat-5E
P2326	White	Cat-6

Y-Terminals

Insulation displacement Y-terminals for use when connecting telephone line cords to screw terminals. Folded tips hold the terminal captive while the screw is tightened. Available in packs of 10, 150 or bulk.

CAT #	QUANTITY
P1100	10 Pack
P1110	150 Pack
P1111	Bulk

Cat6 In-line Punch Down Coupler

NEW

Inline Coupler Punch Down is a surface mounted Cat6 coupler block with punchdown terminals suitable to join or extend solid Cat6 cable.

CAT #	COLOUR
P2327	Black

Gel Connectors

Gel filled, IDC, insulated, butt connector for 2 or 3 solid copper conductors of 19 to 26 AWG having maximum insulation OD of 2.08mm. Simple crimp-connection using our gel-connector crimp tool T0037 for fast, easy and reliable installation. Contains moisture resistant sealant, rated to IP67 (dust resistant and immersible up to 1 metre).

CAT #	WIRES	CAP COLOUR	TYPE
P8632	2	Yellow	UY2
P8633	3	Red	UR2

## H1130 Quick Connect Crimps

H1130 insulation displacement quick connect crimps, used for connection of insulated line cord conductors to telephone plug types 603, 604, 605, 606 and 615. Single form, packed in poly bags of 10. Also available in continuous form 20K reels.

CAT #	QUANTITY
P1130	10 Pack

FLAT LINE CORD & FIGURE-8

4 Conductor
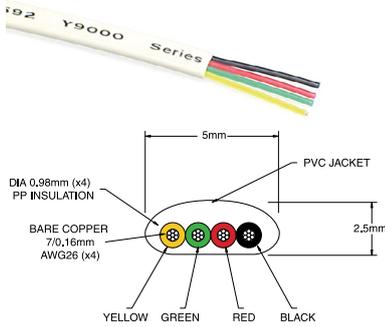
CAT #	COLOUR	REEL SIZE
Y9206	Ash	100 Metre
Y9205	Ash	500 Metre
Y9211	Black	100 Metre
Y9210	Black	500 Metre
Y9201	Ivory	100 Metre
Y9200	Ivory	500 Metre

5 Conductor Shielded

5 conductor shielded flat cord with drain wire. The 5 conductors are 26AWG PP insulated 12/0.12mm² tinned stranded copper. Drain wire is copper foil wrapped 24AWG 9/0.12mm². Shield is aluminium/polyester tape.

CAT #	COLOUR	REEL SIZE
Y9010	Ash	200 Metre

6 Conductor

CAT#	COLOUR	REEL SIZE
Y9306	Ash	100 Metre
Y9305	Ash	500 Metre
Y9311	Black	100 Metre
Y9310	Black	500 Metre
Y9301	Ivory	100 Metre
Y9300	Ivory	500 Metre
Y9320	Yellow	500 Metre

8 Conductor

CAT #	COLOUR	REEL SIZE
Y9406	Ash	100 Metre
Y9405	Ash	500 Metre
Y9411	Black	100 Metre
Y9410	Black	500 Metre
Y9401	Ivory	100 Metre
Y9400	Ivory	500 Metre

10 Conductor

CAT #	COLOUR	REEL SIZE
Y9505	Ash	200 Metre
Y9510	Black	200 Metre
Y9515	Yellow	250 Metre

Jumper Wire

PVC insulated annealed copper jumper wire primarily designed for jumpering or hook-ups on communications distribution frame IDC modules. Outer diameter 1.08mm. Conductor diameter 0.5mm. Conductor resistance <98.0Ω/km. Available on 250 metre wooden reels with either Red/White or Blue/White pairing.

| CAT #	COLOUR	LENGTH	PACKING
Y8120	Blue/White	250 Metre	Reel
Y8125	Red/White	250 Metre	Reel

General Purpose 24/0.20 Figure-8 Cable

General purpose figure-8 cable suitable for speakers, security systems and other low voltage applications. Printing on one conductor provides easy identification to avoid polarity-reversals during installation. Each conductor has 24 strands of 0.20mm² diameter copper wire giving an overall conductor-size of 0.75mm² (20AWG). Standard jacket colour is white. Supplied on 100, 250 and 500 metre strong polypropylene reels.

| CAT #	COLOUR	REEL
Y3405BLK	Black	100 Metre
Y3406BLK	Black	250 Metre
Y3407BLK	Black	500 Metre
Y3405GRY	Grey	100 Metre
Y3406GRY	Grey	250 Metre
Y3407GRY	Grey	500 Metre
Y3405RED	Red	100 Metre
Y3406RED	Red	250 Metre
Y3407RED	Red	500 Metre
Y3405WHI	White	100 Metre
Y3406WHI	White	250 Metre
Y3407WHI	White	500 Metre

General Purpose 14/0.20 Figure-8 Cable

Suitable for speakers and other low voltage applications. Black trace-line on one side of the PVC jacket provides an easy means of identifying the (+) and (-) conductors, eliminating polarity-reversals during installation. Each conductor has 14 strands of 0.20mm² diameter copper wire giving an overall conductor-size of 21AWG. PVC jacket OD is 2 x 2.0mm². Standard jacket colours are white and grey. Supplied on 100, 250 and 500 metre strong polypropylene reels.

CAT #	COLOUR	REEL
Y3401GRY	Grey	100 Metre
Y3402GRY	Grey	250 Metre
Y3404GRY	Grey	500 Metre
Y3401WHI	White	100 Metre
Y3402WHI	White	250 Metre
Y3404WHI	White	500 Metre

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DATAMASTER

SPEAKER CABLE

2 Conductor Double Insulated Speaker Cable

Quality high grade, double insulated 2-conductor speaker cable with Yellow PVC jacket. Red and White conductor insulation for instant identification to avoid polarity-reversals during installation. Applications include surround sound speaker cabling and PA. Available on 100 metre, wooden reels or 300 metre pull-boxes. Count-down metre-marking. Other jacket colours can be custom made upon request.

CAT #	JACKET	CONDUCTORS	PACKING
Y3451YEL	3.5 x 6.0mm	2 x 24/0.20mm²	100 Metre Reel
Y3453YEL	3.5 x 6.0mm	2 x 24/0.20mm²	300 Metre Pull-box

4 Conductor Double Insulated Speaker Cable

Quality high grade, double insulated 4-conductor speaker cable with Yellow PVC jacket. Red, White, Green and Black conductor insulation for instant identification to avoid polarity-reversals during installation. Applications include surround sound speaker cabling and PA. Available on 100 metre and 200 metre wooden reels. Count-down metre-marking.

CAT #	JACKET	CONDUCTORS	REEL SIZE
Y3461YEL	4.9mm diameter	4 x 65/0.16mm²	100 Metre
Y3462YEL	4.9mm diameter	4 x 65/0.16mm²	200 Metre

Double Insulated Intercom Cable
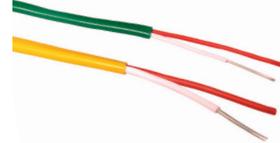
Two solid tinned-copper conductors with PE insulation and PVC jacket. Available on 100 metre, 200 metre and 500 metre reels with count-down metre marking. Typical applications include audio and video cabling for 2-wire intercom systems.

CAT #	COLOUR	CONDUCTORS	REEL
Y3441-09G	Green	2 x 1/0.9mm²	100 Metre
Y3442-09G	Green	2 x 1/0.9mm²	200 Metre
Y3445-09G	Green	2 x 1/0.9mm²	500 Metre
Y3441-12Y	Yellow	2 x 1/1.2mm²	100 Metre
Y3442-12Y	Yellow	2 x 1/1.2mm²	200 Metre
Y3445-12Y	Yellow	2 x 1/1.2mm²	500 Metre

High Grade OFC Speaker Cable

High quality Oxygen Free Copper (OFC) speaker cable for excellent performance. The flat edge on one side of the transparent PVC jacket and printing on one conductor provide easy identification to avoid polarity-reversals during installation. Each conductor has 189 strands of 0.10mm² diameter Oxygen Free Copper (twisted in 7 groups of 27) giving an overall conductor-size of 1.5mm² (approx 15AWG). Supplied on 100 metre roll with count-down metre marking.

CAT #	JACKET	CONDUCTORS	REEL
Y3420	2 x 5.20mm²	(7x27)189/0.10mm²	100 Metre

Heavy Duty Speaker Cable

Quality figure-8 speaker cable with transparent PVC jacket. One conductor is tinned copper and the other is bare copper with a white trace-line providing easy identification and to avoid polarity-reversals during installation. 2 x 41/0.20mm² (16AWG). Supplied on 100 metre, strong polypropylene reels with count-down metre-marking.

CAT #	JACKET	CONDUCTORS	REEL
Y3416	2 x 3.60mm²	41/0.20mm²	100 Metre

Extra Heavy Duty Speaker Cable

Quality extra heavy duty figure-8 speaker cable with transparent PVC jacket. White trace-line on one conductor provides easy identification to avoid polarity-reversals during installation. 2 x 79/0.20mm² (13AWG) conductors. Supplied on 100 metre, strong polypropylene reels with count-down metre-marking.

CAT #	JACKET	CONDUCTORS	REEL
Y3424	2 x 3.60mm²	79/0.20mm²	100 Metre

High Grade Speaker Cable

Quality high grade, heavy duty figure-8 speaker cable with transparent PVC jacket. Blue trace-line on one conductor provides easy identification to avoid polarity-reversals during installation. (7x37)259/0.12mm² (12AWG) twisted conductors. Supplied on 100 metre, strong polypropylene reels with count-down metre-marking.

CAT #	JACKET	CONDUCTORS	REEL
Y3428	2 x 5.05mm²	(7x37)259/0.12mm²	100 Metre

DATAMASTER®

COAXIAL CABLE

CABLE			
RG59/U	Analog TV	Acceptable performance on cable runs
RG6/U	Analog TV	Gives superior performance on cable runs 225m
RG11/U	Analog TV	For cable runs greater than 545m
RG59/U	CCTV	Acceptable performance on cable runs
RG6/U	CCTV	Gives for superior performance on cable runs 225 metres
RG11/U	CCTV	For cable runs greater than 545m
RG6/U Quad-Shield	DTV/CATV/ SATV/MATV	Standard cable for these applications
RG11/U	DTV/CATV/ SATV/MATV	Recommended for long cable runs and for backbone cabling.

RG11/U Quad-shield Coaxial Cable

RG11/U quad-shield coaxial cable suitable for long runs and backbone applications. Provides higher signal quality for satellite, digital and cable television applications.

CAT #	COLOUR	CORE	PACKING
Y8074-305	Black	Solid copper	305 Metre Reel

RG59/U Solid Copper CCTV Coaxial Cable

RG59/U coaxial cable for CCTV/Security Camera and TV use. Braided copper shield has 95% coverage and dielectric is solid PE. Solid copper conductor. Black jacket with count-down metre-marking. Supplied on 100 metre, 250 metre or 500 metre strong polypropylene reels or 305 metre reel-in-a-box.

CAT #	COLOUR	CORE	PACKING
Y8057-002	Black	Solid copper	100 Metre Reel
Y8056-002	Black	Solid copper	250 Metre Reel
Y8053-003	Black	Solid copper	305 Metre Reel-in-a-box

RG6/U Quad-shield Coaxial Cable

RG6/U quad-shield 75 ohm coaxial cable for Digital TV, CATV, SATV and CCTV/Security Camera applications. Low-loss for use on long runs. Aluminium braid and foil shields. Gas-injected (foamed) PE dielectric. Copper-clad steel conductor for tensile strength and reliable connection to F-Type connectors. Black jacket with count-down metre-marking. Available on 100 and 500 metre reels or 305 metre reel-in-a-box.

CAT #	COLOUR	CORE	PACKING
Y8041-002	Black	Copper-clad steel	100 Metre Reel
Y8043-003	Black	Copper-clad steel	305 Metre Reel-in-a-box

RG58/U Coaxial Cable

50 ohm RG58/U coaxial cable. Typical applications include RF/antenna use. Braided tinned copper shield has 95% coverage. Dielectric is solid PE. Multi-strand tinned copper center conductor. Black jacket with count-down metre-marking. Supplied on 100 metre wooden reels.

CAT #	COLOUR	CORE	PACKING
Y8078-100	Black	Multi-strand copper	100 Metre Reel

RG59 Composite

Composite cable allows you to send power and a video signal down just the one cable, saving installation time by fitting 1 cable instead of 2! Solid copper core to give maximum video quality on longer cable runs and is shielded with a glued foil sheath to protect against interference. The loose foil shorting to the centre-pin is also minimised. The aluminium wire shielding provides protection against interference.
Power core of 0.15 x 24 stranded to prevent interruptions and are colour coded red 12V and black 0V to avoid any errors in connection. These power cores can also be used to run 24V AC.

CAT #	COLOUR	CORE	PACKING
Y8060-100	Black	Solid copper	100 Metre Reel
Y8060-250	Black	Solid copper	250 Metre Reel

Mini-RG59 Coaxial Cable

Mini RG59/U coaxial cable for high density patch panel solutions. Typical applications include studio integration, mobile broadcasting industry and video intercom installations. Solid copper centre conductor, 94% braid coverage, black jacket with count-down meter marking. Supplied on 100 metre or 305 metre strong polypropylene reels.

CAT #	COLOUR	CORE	PACKING
Y8051-100	Black	Solid copper	100 Metre Reel
Y8051-305	Black	Solid copper	305 Metre Reel

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COAXIAL CONNECTORS

F-Type Compression Connector

Datamaster's high performance F-type compression connector for trouble free professional water-proof coaxial connections. Available to suit RG59/U or RG6/U dual-shield and RG6/U quad-shield cables. Colour coded bands are used to identify connector/cable compatibility. For best performance use only copper-clad steel cable. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040.

CAT #	SUITS
P0722RED	RG59/U
P0722YEL	RG6/U Dual-shield
P0722BLU	RG6/U Quad-shield

Premium RCA Compression Connector

Datamaster's high performance gold plated RCA compression connector for water-proof coaxial connections. Ideal for component video or composite video cables, stereo audio or sub-woofer connections and security cameras. Available to suit RG59/U and RG6/U quad-shield cables. Each connector is supplied with 6 changeable colour bands (Red, Green, Blue, Yellow, White and Black) for easy identification of cable function. Suitable for either solid copper or copper-clad steel cable. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040.

CAT #	SUITS
P0727RED	RG59/U
P0727YEL	RG6/U Dual-shield
P0727BLU	RG6/U Quad-shield

Premium PAL Compression Connector

Datamaster's high performance PAL (Belling Lee) compression connector with gold plated centre pin for trouble free professional water-proof coaxial connections. Ideal for TV, VCR and set top box hook-ups. Available to suit RG59/U or RG6/U dual-shield and RG6/U quad-shield cables. Colour coded bands are used to identify connector/cable compatibility. Suitable for either solid copper or copper-clad steel cable. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040.

CAT #	SUITS
P0728RED	RG59/U
P0728YEL	RG6/U Dual-shield
P0728BLU	RG6/U Quad-shield

RCA Compression Connector

Datamaster's high performance gold plated RCA compression connector for trouble free professional water-proof coaxial connections. Ideal for component video or composite video cables, stereo audio or sub-woofer connections and security cameras. Available to suit RG59/U or RG6/U dual-shield and RG6/U quad-shield cables. Colour coded bands are used to identify connector/cable compatibility. The 1-piece design suits either solid copper or copper-clad steel cable. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040.

CAT #	SUITS
P0726RED	RG59/U
P0726YEL	RG6/U Dual-shield
P0726BLU	RG6/U Quad-shield

BNC Compression Connector

Datamaster's high performance BNC compression connector for trouble free professional water-proof coaxial connections. Available to suit RG59/U or RG6/U dual-shield and RG6/U quad-shield cables. Colour coded bands are used to identify connector/cable compatibility. The 1-piece design suits either solid copper or copper clad steel cable. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040.

CAT #	SUITS
P0724RED	RG59/U
P0724YEL	RG6/U Dual-shield
P0724BLU	RG6/U Quad-shield

BNC Female Compression Connector

Datamaster's high performance female BNC compression connector for trouble free professional water-proof coaxial connections. Compatibility with RG59/U coaxial cable. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040.

CAT #	SUITS
P0725RED	RG59/U

F-Type Compression Connector for RG11/U Coaxial Cable

Datamaster's high performance F-type compression connector for trouble free professional water-proof coaxial connections to RG11/U quad-shield coaxial cable. For best performance use only copper-clad steel cable. Attach using our professional ratchet compression connector crimp tool T0041.

CAT #	SUITS
P0721	RG11/U

F-Type Female Compression Connector

Datamaster's high performance female F-Type compression connector for trouble free professional water-proof coaxial connections. Blue coloured tip indicates compatibility with RG6/U quad-shield coaxial cable. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040.

CAT #	SUITS
P0723BLU	RG6/U Quad-shield

PAL Female Compression Connector

Datamaster's high performance female PAL compression connector for trouble free professional water-proof coaxial connections. Blue colour coded band indicates compatibility with RG6/U quad-shield coaxial cable. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040.

CAT #	SUITS
P0729BLU	RG6/U Quad-shield

DATAMASTER

COAXIAL CONNECTORS

BNC 3-way Female T-type Adaptor

One piece 3-way Female BNC adaptor fitted with three female BNC sockets in 90° "T" configuration.

CAT #
P0710

BNC Y-type Double Adaptor

One piece double adaptor fitted with one male BNC plug and two female BNC sockets. 180° "Y" configuration.

CAT #
P0708

BNC T-Type Double Adaptor

One piece double adaptor fitted with one male BNC plug and two female BNC sockets. 90° "T" configuration.

CAT #
P0709

BNC Male to RCA Female Adaptor

Adapts a male BNC plug to a female RCA connector. Applications include connection of RCA cables to CCTV/Security cameras or DVRs that are fitted with BNC sockets.

CAT #
P0716

BNC Male to BNC Female Right-angle Adaptor

Right-angle elbow adaptor for BNC connectors. Saves space at rear of DVRs for tidy connection of CCTV/Security cameras coaxial cables that are fitted with BNC connectors.

CAT #
P0718

RCA / BNC Adaptor

One piece adaptor with male RCA plug and female BNC socket. Knurled centre section provides grip whilst connecting or disconnecting the BNC plug.

CAT #
P0706

BNC Coupler

BNC coupler enables two coaxial cables fitted with male BNC plugs to be coupled together. Knurled centre section provides grip whilst connecting or disconnecting BNC plugs. Can also be used as a gender changer.

CAT #
P0704

BNC Male to F-type Female Adaptor

Adapts a male BNC plug to a female F-Type connector. Applications include connection of F-connectors to CCTV/Security Cameras that are fitted with BNC sockets.

CAT #
P0707

F-Type Male to F-Type Female Right-angle Adaptor

Right-angle elbow adaptor for F-Type connectors. Saves space at rear of TVs or set-top boxes for tidy connection of cables that are fitted with F-Type connectors.

CAT #
P0719

F-Type Screw-on Connector

F-type screw-on connector for RG6/U quad-shield coaxial cable. Suitable for Digital-TV, CCTV/Security Camera, CATV, SATV and other applications. Attaches to coaxial cable without tool using a twist-on action.

CAT #	SUITS
P0713	RG6/U Quad Shield

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COAXIAL CONNECTORS + CRIMPS + CCTV

DIN Crimp Plug for Mini RG59

DIN crimp plug 1.0mm pin, 2.3(ID) x 7.48(OD)mm barrell suitable for Mini RG59/U coaxial cables. The 3-piece design has a separate crimp-pin for trouble free connection to the solid copper core. The P0715 crimp plug can be attached to Mini RG59/U copper core cable with our professional ratchet crimp tool T0038. Use the 0.028" hexagonal die for the pin and the 0.213" hexagonal die for the sleeve.

CAT #	SUITS
P0715	Mini RG59/U

BNC 2-Piece Crimp Plug

BNC crimp plug suitable for RG6/U or RG59/U coaxial cables. The 2-piece design has an integrated gold plated pin for trouble free connection to either solid copper or copper-clad steel cable types. The P0701 crimp plug can be attached to RG6/U or RG59/U copper core or copper clad steel coaxial cables with our professional ratchet crimp tool T0039 using the .324" die.

CAT #	SUITS
P0701-006	RG6/U Dual-shield
P0701-059	RG59/U

BNC Female Crimp Plug

Female BNC crimp plug suitable for RG59/U coaxial cable. Suitable for either solid copper or copper-clad steel cables. Crimp with our professional ratchet crimp tool T0038 or T0039, using the 0.068" hexagonal die for the pin and the 0.255" or 0.262" hexagonal die for the sleeve.

CAT #	SUITS
P0705-059	RG59/U

BNC Crimp Plug for Mini RG59

BNC crimp plug suitable for Mini RG59/U coaxial cables. The 3-piece design has a separate crimp-pin for trouble free connection to the solid copper core. The P0702-001 crimp plug can be attached to Mini RG59/U copper core cable with our professional ratchet crimp tool T0038. Use the 0.068" hexagonal die for the pin and the 0.213" hexagonal die for the sleeve.

CAT #	SUITS
P0702-001	Mini RG59/U

BNC 3-piece Crimp Plug

BNC crimp plug suitable for RG59/U or RG6/U coaxial cables. The 3-piece design has a separate crimp-pin for trouble free connection to either solid copper or copper-clad steel cables. Attach using our coaxial cable stripper and professional ratchet crimp tool T0038 or T0039 using the 0.068" hexagonal die for the pin and the 0.255" or 0.262" hexagonal die for the sleeve.

CAT #	SUITS
P0703	RG6/U Quad-shield
P0702	RG59/U

F-Type Crimp Plug

F-type crimp plug for RG6/U quad-shield coaxial cable. Suitable for Digital-TV, CCTV/Security Camera, CATV, SATV and other low-loss applications. Attach using our coaxial cable stripper and professional ratchet crimp tool T0038 using the 0.324" hexagonal die.

CAT #	SUITS
P0712	RG6/U Quad-shield

Datamaster® Video CCTV Balun

Used to carry CCTV video signal over Cat5e or Cat6 cable. Passive design transmits colour video up to 400 metres. Male BNC for video connections and either push-pin or screw connection to the Cat5e or Cat6 cable. Blister pack set of two.

CAT #	COAX CONNECTOR	CAT5e/6 TERMINALS	PACKING
P0750-001	Male BNC	Push-pin	1 Pair
P0750-002	Male BNC	Screw-type	1 Pair

Datamaster® Video CCTV Balun with BNC Lead

Used to carry CCTV video signal over Cat5e or Cat6 cable. Passive design transmits colour video up to 400 metres and mono video up to 600 metres. Integrated surge protection. Male BNC with fly lead for video connections and push-pin terminals for connection to the Cat5e or Cat6 cable. Packed in a blister pack set of two.

CAT #	COAX CONNECTOR	CAT5e/6 TERMINALS	PACKING
P0751-001	Male BNC	Push-pin	1 Pair

Datamaster® Video + Power CCTV Balun

Used to carry CCTV video signal and power feed over Cat5e or Cat6 cable. Transmits colour video up to 400 metres and 12V or 24V power feed up to 250 metres. Integrated surge protection. Male BNC for video connections, male/female barrel plug/socket for power feed and either push-pin or RJ45 for connection to the Cat5e or Cat6 cable. Set of two.

CAT #	CONNECTORS	CAT5e/6 TERMINALS	PACKING
P0752-001	Male BNC 11 x 5.5 x 2.1mm DC plug/socket	Push-pin	1 Pair
P0752-045	Male BNC 11 X 5.5 X 2.1mm DC plug/socket	8P8C (RJ45)	1 Pair

Datamaster® Video + Power + Data (PTZ) CCTV Balun

Used to carry CCTV video signal, power feed and data for PTZ over Cat5e or Cat6 cable. Passive design transmits colour video up to 400 metres, 12V or 24V, power feed up to 250 metres and PTZ data up to 300 metres. Integrated surge protection. Male BNC for video connections, male/female barrel plug/socket for power feed, RJ45 modular socket for connection to the Cat5e or Cat6 cable and tinned ends for PTZ data connection. Packed in a blister pack set of two.

CAT #	CONNECTORS	CAT5e/6 TERMINALS	PACKING
P0753-045	Male BNC 11 x 5.5 x 2.1mm DC plug & socket	8P8C (RJ45)	1 Pair

DATAMASTER

AV INSERTS

Flush Plate Mounted F-Type Connector

Coaxial threaded F-connector as used for Digital TV, Cable TV or Satellite TV connections. Compatible with our P4600 series Flush Plates and most standard Australian flush plates. Available in individual Datamaster® zip-top bags or boxes of 40 pieces.

CAT #	COLOUR	PACKING
P4642	White	40 Box

Flush Plate Mounted PAL TV Connector

PAL TV connector as used for analogue or digital TV, set-top boxes and VCR connections. F-connector on rear for easy coaxial cable hook-ups. Compatible with our P4600 series Flush Plates and most standard Australian flush plates. PAL connectors are also known as Belling Lee connectors or IEC60169-2 connectors. Available in individual Datamaster® zip-top bags or boxes of 40 pieces.

CAT #	COLOUR	PACKING
P4655	White	40 Box

Flush Plate Mounted Banana Speaker Connector

Speaker connectors for Australian flush plates. Front and rear terminals suit either banana plug or screw down termination of speaker wires. Gold finish for corrosion resistance. Ideal for surround sound speaker hook-ups. Compatible with our P4600 series Flush Plates and most standard Australian flush plates. Available in individual Datamaster® zip-top bags or boxes of 30 pieces.

CAT #	COLOUR	PACKING
P4644BLK	Black	30 Box
P4644RED	Red	30 Box

Flush Plate Mounted RCA Connector

RCA connectors for audio, composite video, RGB and component video connections. Gold plated terminals for corrosion resistance. F-connector on rear for easy coaxial cable hook-ups. Compatible with our P4600 series Flush Plates and most standard Australian flush plates. Available in individual Datamaster® zip-top bags or boxes of 30 pieces.

CAT #	COLOUR	PACKING
P4646BLU	Blue	30 Box
P4646GRN	Green	30 Box
P4646RED	Red	30 Box
P4646WHI	White	30 Box
P4646YEL	Yellow	30 Box

Flush Plate Mounted BNC Connector

BNC connectors for Australian flush plates. Front and rear BNC connectors for easy CCTV camera or RGB hook-ups. Compatible with our P4600 series Flush Plates and most standard Australian flush plates. Available in individual Datamaster® zip-top bags or boxes of 30 pieces.

CAT #	COLOUR	PACKING
P4654	White	30 Box

Australian Flush Plates

Datamaster's premium Australian flush plates to accept our premium Voice-Grade, Cat5e or Cat6 IDC jacks. Also compatible with other standard Australian mechanisms and jacks including F-connectors etc. The 2-piece design has a separate back plate and cover, allowing cover to be removed for painting etc.
Fits standard Australian electrical switch plate installation hardware and screw centres, making it perfect for easy flush installation on gyprock or fibro cavity walls. Supplied unloaded without jacks, packed in individual Datamaster® zip-top bags inside carton of 10. Standard colour is white, other colours available on request subject to minimum order quantity. Dimensions 116(W) x 75(H) x 13(D)mm.

CAT #	PORTS	COLOUR
P4601WHI	1	White
P4602WHI	2	White
P4603WHI	3	White
P4604WHI	4	White
P4605WHI	5	White
P4606WHI	6	White

Flush Plate Blank Insert

Blank insert used for filling spare flush plate ports. Can be drilled to fit custom connector types. Compatible with our P4600 series Flush Plates and most standard Australian flush plates. Available in Datamaster® zip-top bags of 10 pieces or boxes of 100 pieces.

CAT #	COLOUR	PACKING
P4640WHI	White	100 Box

Flush Plate Mounted USB Connector

USB-A connector for USB computer connections. USB-A connectors on front and rear for easy hook-ups of USB 1.1 and USB 2.0 cables. Compatible with our P4600 series Flush Plates and most standard Australian flush plates.

CAT #	COLOUR
P4656-002	White

USB CORDS

USB-C Cord

NEW

The Datamaster USB-C to USB-A Adapter allows you to connect your flash drive, keyboard, mouse, or other standard USB-A device to a USB-C enabled device. Plus, the cable also supports up to 2.4 Amps of power output for charging as well as data transfer speeds of up to 5 Gbps. Connecting from a standard USB-A device to a USB-C (also known as USB Type-C) enabled device. Also compatible with Thunderbolt™ 3.

CAT #	COLOUR	LENGTH
W27030011	Black	1.0 Metre
W27030012	Black	2.0 Metre

USB-C Cord with LED

NEW

The Datamaster USB-C to USB-A Adapter allows you to connect your flash drive, keyboard, mouse, or other standard USB-A device to a USB-C enabled device. Plus, the cable also supports up to 2.4 Amps of power output for charging as well as data transfer speeds of up to 5 Gbps. The Type C connector has a LED light that indicates the charging status whilst also allowing you to find your device easily in the dark. Connecting from a standard USB-A device to a USB-C (also known as USB Type-C) enabled device. Also compatible with Thunderbolt™ 3.

CAT #	COLOUR	LENGTH
W27030021	Black	1.0 Metre
W27030022	Black	2.0 Metre

USB Cord

Shielded Universal Serial Bus (USB) cord compatible with USB 2.0. Fitted with USB-A plug to USB-B plug. Two x 28AWG (signal) and 2 x 24AWG (power) conductors.

CAT #	COLOUR	LENGTH
W2723ASH	Ash	1.0 Metre
W2725BLK	Black	1.5 Metre
W2730ASH	Ash	2.0 Metre
W2730BLK	Black	2.0 Metre
W2733ASH	Ash	3.0 Metre
W2733BLK	Black	3.0 Metre
W2735ASH	Ash	5.0 Metre
W2735BLK	Black	5.0 Metre

Mini USB Cord

Shielded Universal Serial Bus (USB) cord compatible with USB 2.0. Fitted with USB-A plug to Mini USB-B plug. Two x 28AWG (signal) and 2 x 24AWG (power) conductors.

CAT #	COLOUR	LENGTH
W2702BLK	Black	2.0 Metre

Micro USB Cord

Shielded Universal Serial Bus (USB) cord compatible with USB 2.0. Fitted with USB-A plug to Micro USB-B plug. Two x 28AWG (signal) and 2 x 24AWG (power) conductors. Commonly used on recently released mobile phones, PDAs and other handheld devices for data connection to a PC and/or battery charging.

CAT #	COLOUR	LENGTH
W2701-010	Black	1.0 Metre
W2701-020	Black	2.0 Metre

USB Extender Passive

NEW

Extend the distance of a USB device from a USB-enabled computer up to 60m. Self-powered, no need for external power source. Able to be used with Cat5/6/6a Patch Cable.
Base connector: USB Type A Male, RJ45 Female.
Remote Connectors: USB Type A Female, RJ45 Female.

CAT #	COLOUR
P0771-145	Black

USB Extension Cord

Shielded Universal Serial Bus (USB) extension cord compatible with USB 2.0. Fitted with USB-A plug to USB-A socket. Two x 28AWG (signal) and 2 x 24AWG (power) conductors.

CAT #	COLOUR	LENGTH
W2712BLK	Black	2.0 Metre

HDMI

HDMI™ 4K @60Hz

Durable fabric sleeve. High-Definition Multimedia Interface cables fitted with HDMI™ type-A 19-pin plugs for 1080p & 4K2K digital connections between compatible audio/video source components and display devices such as LCD or plasma screens and projectors. HDMI™ plugs are gold plated for the highest quality connections.

CAT #	COLOUR	LENGTH
W1409010	Black/Blue	1.0 Metre
W1409015	Black/Blue	1.5 Metre
W1409020	Black/Blue	2.0 Metre
W1409030	Black/Blue	3.0 Metre
W1409050	Black/Blue	5.0 Metre
W1409100	Black/Blue	10.0 Metre

HDMI™ Active Optical Cable

HDMI™ over Fibre Optical cables, the best and only way to transmit 4K and HDR at lengths over 20 metres! Supports Ultra HD 4K@60Hz throughput at lengths beyond the ability of traditional copper cables. The cable operates like a conventional HDMI™ cable and is finished with 24k Gold Plated HDMI™ Male (19-pin) at either end.

CAT #	COLOUR	PACK
W14220050	Black	50.0 Metre
W14220100	Black	100.0 Metre

HDMI™ Extender

This device extends HDMI™ video and audio signals over a single Cat5e (shielded recommended) or Cat6 cable. Active design delivers HDTV resolution up to 1080p with maximum distance of 100 metres. HDCP compliant. Packed in a set of two with 5V DC power supplies provided.

CAT #	HDMI CONNECTOR	CAT-5E/6 TERMINALS	PACKING
P0764-145	HDMI	8P8C (RJ45)	1 Set

HDMI™ Splitter 1 x 4

This 4-port 4K HDMI™ splitter lets you share four HDMI™ displays or projectors with an HDMI-enabled audio / video source device, such as a computer, Blu-ray player or cable TV, set-top box. With support for Ultra HD (4K) the HDMI™ splitter ensures astonishing picture quality, four times the resolution of high-definition 1080p. The 4K splitter is also backward compatible with previous HDMI™ revisions, supporting 1080p / 720p HDMI™ video resolution devices. Even if you don't require 4K video today, this 4 port splitter ensures you'll be ready to take advantage of tomorrow's display technology.

CAT #	COLOUR	PORT
P07704	Black	4

HDMI™ Splitter 1 x 8

This 8-port 4K HDMI™ splitter lets you share eight HDMI™ displays or projectors with an HDMI-enabled audio / video source device, such as a computer, Blu-ray player or cable TV, set-top box. With support for Ultra HD (4K) the HDMI™ splitter ensures astonishing picture quality, four times the resolution of high-definition 1080p. The 4K splitter is also backward compatible with previous HDMI™ revisions, supporting 1080p / 720p HDMI™ video resolution devices. Even if you don't require 4K video today, this 8 port splitter ensures you'll be ready to take advantage of tomorrow's display technology.

CAT #	COLOUR	PORT
P07708	Black	8

HDMI™ Switcher - 2 port

The Datamaster 2-port HDMI™ 4K switch lets you share a display or projector with two HDMI™-enabled video sources. The switch features two independent inputs that each support 4K resolution and 7.1 surround sound audio. You'll be amazed at how this video switch maintains Ultra HD picture quality. 4K is supported by the latest A/V devices and delivers four times the resolution of 1080p. Plus, because the switch is backward compatible with high-definition 1080p, you can rest assured any video source will look great in your digital signage application.

CAT #	Port
P07712	2

HDMI™ Switcher - 4 port

The 4x1 HDMI™ Switcher routes high definition video up to 4k x 2k, as well as digital audio from any one of the four sources to display unit. Four inputs accommodate the simultaneous connection of up to four high definition video sources, such as satellite systems and HD DVD players.

CAT #	Port
P07714	4

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COMMUNICATIONS PTY LTD

MODULAR PLUGS

4 Position Modular Plug

Generally used for termination of coiled handset cords. Plugs with 50µ", 30µ" or 15µ" gold plated contacts are available. Packed in bags of 5, 20, 50, 100 or bulk. Plugs for stranded or solid conductors with round or flat cord entry are available.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2003	4P4C	Flat	Stranded	20-pack
P2004	4P4C	Flat	Stranded	50-pack
P2005	4P4C	Flat	Stranded	100-pack
P2124	4P4C	Flat	Stranded	Bulk
P2010	4P4C	Round	Stranded	100-pack
P2123	4P4C	Round	Stranded	Bulk
P2122-100	4P4C	Round	Solid	100-pack
P2122	4P4C	Round	Solid	Bulk
P2122-002	4P4C	Round	Solid (2-prong)	Bulk

6 Position Modular Plug

Generally used for termination of line cords. Plugs with 50µ", 30µ", 15µ" or 6µ" gold plated contacts are available. Packed in bags of 5, 20, 50, 100 or bulk. Plugs for stranded or solid conductors with round or flat cord entry are stocked.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2130-100	6P2C	Flat	Stranded	100-pack
P2013	6P4C	Flat	Stranded	20-pack
P2014	6P4C	Flat	Stranded	50-pack
P2015	6P4C	Flat	Stranded	100-pack
P2136	6P4C	Flat	Stranded	Bulk
P2138-100	6P4C	Round	Solid	100-pack
P2138	6P4C	Round	Solid	Bulk
P2137	6P4C	Round	Stranded	Bulk
P2033	6P6C	Flat	Stranded	20-pack
P2034	6P6C	Flat	Stranded	50-pack
P2035	6P6C	Flat	Stranded	100-pack
P2140	6P6C	Flat	Stranded	Bulk
P2045	6P6C	Round	Solid/Stranded	100-pack
P2143	6P6C	Round	Stranded	Bulk
P2144	6P6C	Round	Solid	Bulk

6 Position Long Body Modular Plug

Similar to the standard 6 position modular plug but has a long body as required to mate with deeply recessed modular sockets. Plugs with 50µ", 30µ" or 15µ" gold plated contacts are available. Packed in bags of 20, 50, 100 or 1000. Plugs for stranded or solid conductors with round or flat cord entry are available.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2148	6P6C	Flat	Stranded	Bulk

4 Position AMP Modular Plug
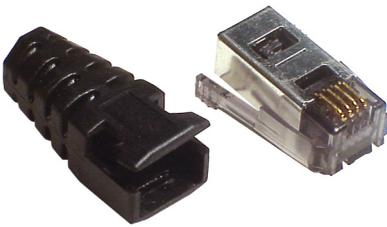
Genuine AMP Tyco SDL (Shielded Data Link) modular plug for special applications. 4 position 4 contact shielded modular plug with side latches and black PVC boot to suit 24-26AWG flat shielded cable. Plugs have 50µ" gold plated contacts.

CAT #	ITEM	COLOUR	AMP PART #
P2104-422	4P4C Plug	Transparent Grey	1-520423-1
P2104-851	PVC Boot	Black	0-521851-1

6 Position Modified Modular Plug (MMP)

6 position MMP (also known as MMJ or DEC-connect) type with offset latch as used for specific computer systems. Plugs with 50µ" or 30µ" gold plated contacts are available. Packed in bags of 20, 50, 100 or 1000. Plugs for stranded or solid conductors with round or flat cord entry are available.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2141	6P6C	Flat	Stranded	Bulk

6 Position Modular Plug with Slots for 8P8C Sockets

6P modular plug with slots to accommodate pins 1 and 8 of an 8P8C socket. The slots allow greater compatibility with 8P8C sockets. Plugs with 50µ", 30µ", 15µ" or 6µ" gold plated contacts are available. Packed in bags of 20, 50, 100 or 1,000. Plugs for stranded or solid conductors with round or flat cord entry are available.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2150	6P6C	Flat	Stranded	Bulk

MODULAR PLUGS

6 Position & 8 Position Shielded Modular Plugs

6 position and 8 position shielded modular plugs for connection to FTP, STP or flat shielded cable. Plugs with 50µ", 30µ" or 15µ" gold plated contacts are available. Packed in bags of 10, 100 or bulk. Plugs for stranded or solid conductors with round or flat cord entry are stocked.

CAT #	TYPE	SHIELD	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2146	6P6C	Half	Either	Either	Bulk
P2165-010	8P8C	Full	Round	Stranded	10-pack
P2165-100	8P8C	Full	Round	Stranded	100-pack
P2159	8P8C	Full	Round	Solid	Bulk
P2167	8P8C	Half	Round	Solid	Bulk

Cat6 8 Position Modular Plug
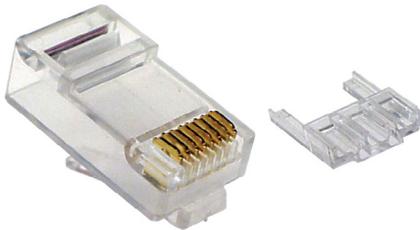
These special plugs are designed for Category-6 cables. Special contact design allows the same plug to be used for either solid or stranded conductor cables. The 2-piece design includes a cable-guide to ensure conductors are split into 2-rows to maintain data integrity. 50µ" gold plated contacts.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2176-100	8P8C	Round	Solid or Stranded	Bulk

Cat6 Shielded 8 Position Modular Plug
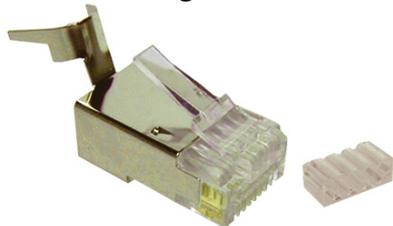
These special plugs are designed for shielded Category-6 cables. Special contact design allows the same plug to be used for either solid or stranded conductor cables. The 2-piece design includes a cable-guide to ensure conductors are split into 2-rows to maintain data integrity. 50µ" gold plated contacts. Requires our T0031 crimp tool for termination.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2178	8P8C	Round	Solid or Stranded	Bulk

8 Position Modular Plug

For data communications, telephones, cellular mobile transceivers and computers. Plugs with 50µ", 30µ" or 15µ" gold plated contacts are available. Packed in bags of 5, 20, 50, 100 or bulk. Plugs for stranded or solid conductors with round or flat cord entry are stocked.

CAT #	CONNECTIONS	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2163	8P8C	Flat	Stranded	Bulk
P2053	8P8C	Flat	Stranded	20-pack
P2054	8P8C	Flat	Stranded	50-pack
P2055	8P8C	Flat	Stranded	100-pack
P2162	8P8C	Round	Stranded	Bulk
P2060	8P8C	Round	Stranded	10-pack
P2061	8P8C	Round	Stranded	20-pack
P2062	8P8C	Round	Stranded	50-pack
P2063	8P8C	Round	Stranded	100-pack
P2164	8P8C	Round	Solid	Bulk
P2057-010	8P8C	Round	Solid	10-pack
P2057	8P8C	Round	Solid	20-pack
P2058	8P8C	Round	Solid	50-pack
P2059	8P8C	Round	Solid	100-pack

10 Position Modular Plug

Generally used on cellular mobile transceivers and small multi-line telephone systems. Plugs with 50µ" or 30µ" gold plated contacts are available. Packed in bags of 20, 50, 100 or 1000. Plugs for stranded or solid conductors are available.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2170-100	10P10C	Flat	Stranded	100-pack

8 Position Keyed Modular Plug

Similar to the standard 8 position modular plug but has raised key on one side of the plug to prevent insertion into a non-keyed 8 position socket. Plugs with 50µ", 30µ" or 15µ" gold plated contacts are available. Packed in bags of 20, 50, 100 or 1000. Plugs for stranded or solid conductors with round or flat cord entry are available.

CAT #	TYPE	CORD ENTRY	CONDUCTOR TYPE	PACKING
P2166	8P8C	Flat	Stranded	Bulk

RJ45 Modular Plug Boots

PVC boots for 8 position RJ45 modular plugs to suit 6mm diameter Cat-5E or Cat-6 cord. Ideal for providing extra strain relief and easy colour coding of patch cords.

CAT #	COLOUR
P7850ASH	Ash
P7850BLK	Black
P7850BLU	Blue
P7850GRN	Green
P7850GRY	Grey
P78500RA	Orange
P7850PNK	Pink
P7850PUR	Purple
P7850RED	Red
P7850WHI	White
P7850YEL	Yellow

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MODULAR CORDS

2 Conductor Modular Line Cord

2 conductor line cord with 6P2C RJ11 modular plugs on each end. Standard wiring is cross-over to suit most voice applications.

CAT #	LENGTH	WIRING	COLOUR	PACKING
W2465BDG	1.8 Metre	Cross-over	Dark Grey	Bulk
W2465BLK	2.0 Metre	Cross-over	Black	Bulk
W2465IVO	2.0 Metre	Cross-over	Ivory	Bulk

4 Conductor Modular Line Cord

4 conductor line cord with 6P4C RJ11 modular plugs on each end. Standard wiring is cross-over to suit most voice applications.

CAT #	LENGTH	WIRING	COLOUR	PACKING
W2470	150mm	Cross-over	Ivory	Bulk
W2470ACB	150mm	Cross-over	Ivory	Blister
W2471	1.0 Metre	Cross-over	Ivory	Bulk
W2471ACB	1.0 Metre	Cross-over	Ivory	Blister
W2492BLK	2.0 Metre	Cross-over	Black	Bulk
W2492IVO	2.0 Metre	Cross-over	Ivory	Bulk
W2492ACB	2.0 Metre	Cross-over	Ivory	Blister
W2496	3.0 Metre	Cross-over	Black	Bulk
W2495	3.0 Metre	Cross-over	Ivory	Bulk
W2495ACB	3.0 Metre	Cross-over	Ivory	Blister
W2505	5.0 Metre	Cross-over	Ivory	Bulk
W2505ACB	5.0 Metre	Cross-over	Ivory	Blister
W2532	10 Metre	Cross-over	Ivory	Bulk
W2532ACB	10 Metre	Cross-over	Ivory	Blister
W2525	15 Metre	Cross-over	Ivory	Bulk
W2525ACB	15 Metre	Cross-over	Ivory	Blister
W2528	20 Metre	Cross-over	Ivory	Bulk
W2528ACB	20 Metre	Cross-over	Ivory	Blister
W2530	25 Metre	Cross-over	Ivory	Bulk
W2530ACB	25 Metre	Cross-over	Ivory	Blister
W2531	30 Metre	Cross-over	Ivory	Bulk
W2531ACB	30 Metre	Cross-over	Ivory	Blister

6 Conductor Modular Line Cord

6 conductor line cord with 6P6C RJ12 modular plugs on each end. Both straight-through and cross-over wiring types are available.

CAT #	LENGTH	WIRING	COLOUR	PACKING
W2537	2.0 Metre	1-6	Ivory	Bulk
W2538	3.0 Metre	1-6	Ivory	Bulk
W2539	5.0 Metre	1-6	Ivory	Bulk
W2540BLK	10 Metre	1-1	Black	Bulk
W2540	10 Metre	1-6	Ivory	Bulk
W2545	15 Metre	1-6	Ivory	Bulk

RJ11/RJ45 Modular Line Cord

4 conductor line cord with one 6 position RJ11 and one 8 position RJ45 modular plug. Both straight-through and cross-over wiring types are available.

CAT #	LENGTH	WIRING	COLOUR	PACKING
W2478	2.0 Metre	1-1	Ivory	Bulk
W2483	3.0 Metre	1-1	Ivory	Bulk
W2483ACB	3.0 Metre	1-1	Ivory	Blister
W2484	3.0 Metre	1-1	Black	Bulk
W2485	5.0 Metre	1-1	Ivory	Bulk
W2486	6.0 Metre	1-1	Ivory	Bulk
W2487	7.0 Metre	1-1	Ivory	Bulk
W2488	10 Metre	1-1	Ivory	Bulk
W2489	15 Metre	1-1	Ivory	Bulk

Modular 3-Way Coupler

Three cords with modular plugs can be connected together using these modular 3-way couplers.

CAT #	TYPE	WIRING CONFIGURATION
P2214	6P4C	Straight-through (1-1)
P2215	6P6C	Straight-through (1-1)
P2218	8P8C	Straight-through (1-1)

Modular Coupler

Enables two cords fitted with modular plugs to be coupled together. Can also be used as a gender changer. Straight-through or cross-over wiring versions are available.

CAT #	TYPE	WIRING CONFIGURATION	PACKING
P2210	6P4C	Straight-through (1-1)	Bulk
P2210ACB	6P4C	Straight-through (1-1)	Blister
P2209	6P6C	Straight-through (1-1)	Bulk
P2207	8P8C	Straight-through (1-1)	Bulk
P2207ACB	8P8C	Straight-through (1-1)	Blister
P2208	8P8C	Cross-over (1-8)	Bulk
P2205	10P10C	Straight-through (1-1)	Bulk

Modular Double Adaptor

Two devices with modular plugs can be connected to one modular socket using these modular double adaptors. Standard wiring configuration is straight-through. Special wiring configurations are also available.

CAT #	TYPE	WIRING CONFIGURATION	PACKING
P2200	6P4C	Straight-through (1-1)	Bulk
P2200ACB	6P4C	Straight-through (1-1)	Blister
P2201	6P6C	Straight-through (1-1)	Bulk
P2202	8P8C	Straight-through (1-1)	Bulk
P2202ACB	8P8C	Straight-through (1-1)	Blister

Modular Triple Adaptor

Three devices with modular plugs can be connected to one modular socket using these modular triple adaptors. Standard wiring configuration is straight-through. Special wiring configurations are also available.

CAT #	TYPE	WIRING CONFIGURATION
P2234	6P4C	Straight-through (1-1)
P2236	6P6C	Straight-through (1-1)

Modular Reducers

Modular reducers are inserted into a modular socket to reduce the size to suit a smaller modular plug whilst at the same time ensuring correct pin alignment. 8 position to 6 position and 6 position to 4 position models are available.

CAT #	TYPE	COLOUR	PACKING
P2220	6 Position to 4 Position	Ivory	Bulk
P2222ACB	8 Position to 6 Position	Ivory	5-pack Blister
P2222WHI	8 Position to 6 Position	White	Bulk
P2224	8 Position to 6 Position	Ivory	Bulk

Handset/Headset Trainer Adaptor

Modular double adaptor fitted with a short cord. Variants are available for connecting a headset and handset into the same telephone for training, mode-3 and other applications. Double-sided tape included for attaching the adaptor to the telephone or desk.

CAT #	TYPE	WIRING	COLOUR
P2344	4P4C	Parallel	Black
P2345	4P4C	Parallel	Ivory
P2363	6P2C	Mode-3	Ivory
P2363-003	6P2C	Mode-3	Ivory

MODULAR SURFACE MOUNTS & UK/NZ PLUGS & SOCKETS

MODULAR

TELEMASTER®

Side Entry Skirting Mount

Half sized surface mount voice grade modular socket designed to be fixed to skirting boards or architraves. Snap-on cover provides access to screw terminals for connection of wires. Double sided tape included for easy installation. Dimensions 31(W) x 50(H) x 20(D)mm.

CAT #	TYPE	COLOUR	PACKING
P1450WHI	6P4C	White	Bulk
P1450ACB	6P4C	Ash	Blister
P1455WHI	6P6C	White	Bulk

Wall Phone Bracket

Wall phone bracket for easy installation of telephones that have standard modular wall mountings. The line is connected from bracket to phone by a 160mm long modular cord. Bracket has two studs onto which the phone slides. Fits standard Australian electrical switch plate installation hardware. Off-white colour to match Telstra T200/400 telephones. Dimensions 76(W) x 119(H) x 9(D)mm.

CAT #	TYPE	COLOUR	PACKING
P1415	6P4C	White	Bulk
P1415ACB	6P4C	White	Blister

BT/NZ Handset Plug (Reverse Latch)

Type 430A handset plug with reverse latch as used by British Telecom, New Zealand and Hong Kong. Connects coiled handset cords or headsets to some British or NZ designed devices. BABT approved. White in colour.

CAT #	TYPE	BT TYPE
P2999	6P4C	430A

Side Entry Surface Mount

Side entry surface mount voice grade modular socket. Snap-on cover provides access to screw terminals for connection of wires. Double sided tape included for easy installation. Dimensions 50(W) x 57(H) x 20(D)mm.

CAT #	TYPE	COLOUR
P1420WHI	6P4C	White
P1430WHI	6P6C	White
P1440WHI	8P8C	White

BT/NZ Line Plug

Type 431A & 631A line plugs as used by British Telecom, New Zealand and Hong Kong. BABT approved. White in colour.

CAT #	TYPE	BT TYPE
P3000	6P4C	431A

BT/NZ Wall Socket

Standard BT/NZ telephone line wall socket. Up to 6 conductors can be connected using screw terminals. Spring-loaded socket cover prevents intrusion of dust and moisture. White in colour.

CAT #	TYPE	BT TYPE
P3030	6P6C	Slave

Surface Mount

Compact surface mount voice grade modular socket. Recessed screws allow fast and easy fixing to almost any surface. Wires are connected by screw terminals. Beige colour suits most environments. Dimensions 44(W) x 44(H) x 25(D)mm.

CAT #	TYPE
P1410	6P4C

BT/NZ Double Adaptor

Converts one BT/NZ telephone socket into two, enabling two devices to be connected to one BT/NZ telephone line socket. White in colour.

CAT #	TYPE
P3010	6P6C

BT/NZ Line Cord to Modular Plug

New Zealand or British line cord for telephones and devices with modular line jacks. Standard wiring configuration, fitted with BABT approved 6P4C plug.

CAT #	CONDUCTORS	LENGTH	COLOUR
W0122ASH	2	2.0 Metre	Ash
W0122BLK	2	2.0 Metre	Black
W0122IVO	2	2.0 Metre	Ivory

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AUSTRALIAN TELEPHONE PLUGS AND SOCKETS

610W Telephone Wall Socket Commercial Grade

Standard Australian telephone wall socket.
Will accept 605, 606 or 603 telephone plugs.
Our commercial grade 610 wall socket features:
- Longer terminal screws with thicker, wider heads.
- Tightly captive washers beneath terminal screw-head for reliable insulation crushing
- Tightly seated metals will not drop out during installation
- Compatible with stacking adaptors
- Compatible with snap-on adhesive wall plates
- A-tick symbol engraved on outside of lid
- Longer lid screw for compatibility with stacking adaptors
- Shrink wrapped in strips of 5 for easier handling

CAT #	COLOUR	PACKING
P6106	Ash	Bulk
P6105ACB	Ivory	Blister
P6105	Ivory	Bulk
P6107	White	Bulk

611 Data Socket

Suitable for security devices, diallers, modems and other auxiliary equipment. Accepts 604, 605 or 606 telephone plugs. Often referred to as a mode-3 socket. Cams allow each terminal pair to be switched or unswitched when plug is withdrawn.

CAT #	COLOUR
P6116	Ivory

606/RJ11 2-Piece Line Cord

606M modular plug adaptor and 6 position modular line cord fitted with RJ11 plugs. 606M adaptor can be fitted or detached allowing equipment to connect to either modular or 610 wall outlets. A wide variety of lengths, colours and wiring configurations are available to special order.

CAT #	LENGTH	CONDUCTORS	COLOUR	PACK
W3742IV0	2.0 Metre	4	Ivory	Bulk

606M Modular Plug Adaptor

Adapts 6 position or 8 position modular plugs to 606 telephone plugs. Unique slim design allows 606M to fit into double adaptors or stacked wall sockets without obstructing one of the 610 sockets. Therefore, two 606M adaptors will fit into a standard double adaptor. Blister pack model includes reducer to suit either RJ11 or RJ45. Special colours and wiring configurations are also available.

CAT #	TYPE	COLOUR	PACKING
P6243	6P4C	Grey	Bulk
P6240	6P4C	Ivory	Bulk
P6284	8P4C	Ivory	Bulk
P6284ACB	8P4C/6P4C	Ivory	Blister

610M Modular Socket Adaptor
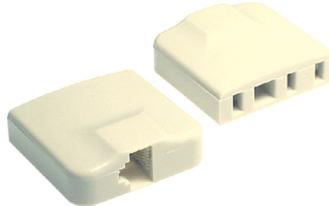
Adapts 6 position or 8 position modular plugs to 610 telephone sockets. Blister pack model includes reducer to suit either RJ11 or RJ45. Special colours and wiring configurations are also available. 610M is designed and manufactured by Access Communications.

CAT #	TYPE	COLOUR	PACKING
P6364IV0	6P4C	Ivory	Bulk
P6384IV0	8P4C	Ivory	Bulk
P6384ACB	6P4C/8P4C	Ivory	Blister

616M Half Modular Adaptor

The 616M combines a 605 plug and a 610 socket, with either 6P4C (RJ11) or 8P4C (RJ45) modular socket. Updated design has front entry modular socket for easier use with side mounted wall sockets. Parallel wiring and mode-3 wiring versions are available. Blister pack model includes reducer to suit either RJ11 or RJ45. Custom wiring configurations and colours can also be made if required.

CAT #	TYPE	WIRING	COLOUR	PACKING
P6163IV0	6P4C	Mode-3	Ivory	Bulk
P6164IV0	6P4C	Parallel	Ivory	Bulk
P6184IV0	8P4C	Parallel	Ivory	Bulk
P6184ACB	8P4C/6P4C	Parallel	Ivory	Blister

606DM Dual Modular Plug Adaptor

Adapts two 6 position modular plugs to 606 telephone plug. Unique slim design allows 606DMs to fit into double adaptors or stacked wall sockets without obstructing one of the 610 sockets. Therefore, two 606DM adaptors will fit into a standard double adaptor.

CAT #	TYPE	COLOUR	PACKING
P6340	6P4C	Ivory	Bulk

610/611 Self Adhesive Backing Plate

Self adhesive backing plate to eliminate the requirement to use screws when mounting 610 or 611 sockets to any flat, clean surface. Our 610 or 611 sockets simply snap-on to the backing plate.

CAT #	COLOUR
P8620	Ivory

610/611 Stacking Adaptor

This adaptor replaces the original lid of an existing 610 or 611 socket, allowing another 610 or 611 to be stacked on top. All wiring is fed through internally.

CAT #	COLOUR
P8630	Ivory
P8630WHI	White

Grommets

PVC grommets suit most line cord types and provide effective strain relief. Table shows representative range only, custom grommets can be tooled to suit your specific requirement.

CAT #	TYPE	COLOUR	CORD DIMENS	CORD PROFILE
P7120	G1	Black	2.5 x 5.0mm	4 Conductor Flat
P7140	G1	Brown	2.5 x 5.0mm	4 Conductor Flat
P7100	G1	Ivory	2.5 x 5.0mm	4 Conductor Flat
P7110	G1	White	2.5 x 5.0mm	4 Conductor Flat
P7200	G2	Black	5.0mm	6 Conductor Round
P7330	G3	Ash	2.5 x 7.0mm	6 Conductor Flat

COILED CORDS + TELEPHONE ACCESSORIES

Modular Coiled Handset Cords
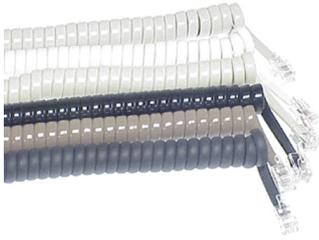
Standard 4 conductor coiled cord fitted with 4P4C modular plugs. Can also be supplied with any tail lengths, other connectors or unterminated if specified.

CAT #	LENGTH	COLOUR	PACKING
W3040	3.0 Metre	Ash	Bulk
W3010	3.0 Metre	Black	Bulk
W3010ACB	3.0 Metre	Black	Blister
W3042	3.0 Metre	Grey	Bulk
W3030	3.0 Metre	Ivory	Bulk
W3030ACB	3.0 Metre	Ivory	Blister
W3060	3.0 Metre	White	Bulk
W3060ACB	3.0 Metre	White	Blister
W3110	5.0 Metre	Ash	Bulk
W3110ACB	5.0 Metre	Ash	Blister
W3180	8.0 Metre	Ash	Bulk
W3180ACB	8.0 Metre	Ash	Blister
W3150	8.0 Metre	Black	Bulk
W3170ACB	8.0 Metre	Ivory	Blister

6 & 8 Conductor Coiled Cords

Flat or round coiled 6 or 8 conductor cord fitted with modular plugs. Can be supplied with any tail lengths, other connectors or unterminated if specified.

CAT #	COLOUR	COND	PROFILE	PLUGS	WIRING	LENGTH
W3401	Ash	8	Round	8P8C	1-1	3 Metre
W3310	Black	6	Flat	6P6C	1-6	3 Metre

Replacement Handset Cords
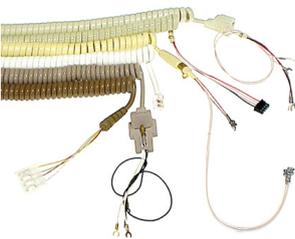
Suits Commander stations, payphones and popular Touchfone and PABX telephones. Tinsel conductors are standard in order to provide maximum service-life and maintain coiled profile. Polyester or Kevlar threads can be added for extra strength if required. Ends can be made with any tail lengths, connectors or unterminated if specified.

CAT #	SUITS	COLOUR
W3060	Comset	Ash
W3060ACB	Comset	Ash
W3046	Ericsson	Black
W3047	Ericsson	Grape
W3050	Ericsson	Grey

Line Isolation Unit for Music On Hold

Compact LIU allows any audio device having an earphone or line-out socket to be connected to any compatible Key Telephone or PABX system to provide music to calls that are placed on hold. Incorporates a recessed potentiometer to adjust volume level. The Source cords are 600mm long. The length of the System cord is shown in the table below.

CAT #	SOURCE PLUG	SYSTEM PLUG	LENGTH
K2400	3.5mm Mono Phono	606 Telephone	1.5 Metre
K2401	3.5mm Stereo Phono	606 Telephone	1.5 Metre
K2402	3.5mm Mono Phono	3.5mm Mono Phono	600mm
K2403	3.5mm Stereo Phono	3.5mm Mono Phono	600mm
K2404	RCA Male	RCA Male	600mm
K2405	RCA Male	RJ11	600mm
K2406	3.5mm Mono Phono	RCA Male	600mm
K2407	3.5mm Stereo Phono	RCA Male	600mm
K2409	3.5mm Stereo Phono	RJ11	600mm

Test Cord IDC Type 6P2C

Test cord fitted with IDC type plug and 6P2C modular plug. For connection of test butts or other equipment to Krone MDF or IDF. 100mm long cord.

CAT #
T0108

10 Pair IDC Disconnect Module

10-pair IDC modules to suit our P8700 Series 50-pair and 100-pair distribution boxes and P8770-PRO Series 11-way and 27-way distribution frames. High-impact fire-resistant PBT material with corrosion resistant 5.0 micron silver-plated IDC terminals. Terminate wires by using our T0059 impact tool (or any impact tool designed for termination of Krone-type IDC terminals). Supports pair-disconnect function if appropriate test plug is inserted.

CAT #
P8710-PRO

50/100 Pair Distribution Box

Grey coloured wall-mounted plastic distribution box containing mounting brackets for 10-pair IDC-type connection modules (available separately). Cable entry holes in rear and cable entry cut-outs on all 4 sides. Four moveable jumper rings and record-card included.

CAT #	CAPACITY	DIMENSIONS
P8750	50 Pair	210(H) x 160(W) x 75(D)mm.
P8760	100 Pair	320(H) x 210(W) x 125(D)mm

10 Pair Distribution Box

Ivory coloured surface-mount distribution box with cable entry holes in rear and cable entry cut-outs on all 4 sides. Contains a 10-pair IDC module constructed of high-impact fire-resistant PBT material with corrosion resistant 5.0 micron silver-plated terminals. Terminate wires using our T0059 impact tool (or any impact tool designed for termination of Krone-type IDC terminals). Supports pair-disconnect function if appropriate test plug is inserted. Dimensions 164(H) x 85(W) x 36(D)mm.

CAT #
P8740

Distribution Frames & Covers
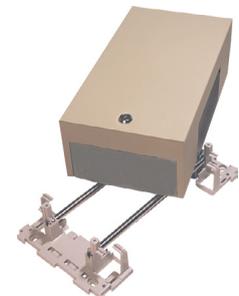
11-way and 27-way distribution frames with rods and ABS mountings. Suits our 10-pair IDC-type connection modules and label holders. Key-lockable metal lids with cable entry knock-outs on all sides and inbuilt record book holder.

CAT #	ITEM	DIMENSIONS
P8771-PRO	11-way frame	360(H) x 195(W) x 75(D)mm
P8772	11-way lid	375(H) x 200(W) x 125(D)mm
P8777-PRO	27-way frame	725(H) x 195(W) x 75(D)mm
P8778	27-way lid	730(H) x 200(W) x 125(D)mm

COILED CORDS + TELEPHONE ACCESSORIES

TELEMASTER®

ACCESS COMMUNICATIONS PTY LTD

TONE RINGERS

Universal Loud Sounding Tone Ringer / Alarm

This versatile unit, in the same-sized case as our K3507 tone ringer, replaces the Type-C Alarm. There is provision for two exchange lines via separate RJ11 sockets. Four different selectable alarm-tones are provided for each exchange line. All other connections to and from the unit are via screw terminals. Requires K3505 horn speaker. Other peripheral devices such as strobe lights, PIR sensors, doorbells, reed-relays, PA amplifier inputs etc can be connected. Supplied with a 12V DC power supply which is also used to provide 12V power for strobe-light operation. The maximum volume of the Universal Loud Sounding Alarm in conjunction with our K3505 Horn Speaker is 110dB. The unit has a REN of 0.1. Dimensions 115(W) x 155(H) x 35(D)mm.

CAT #	ITEM
K3509	Universal Alarm
K3504BLU	Strobe Light
K3505	Horn Speaker

Horn Speaker

15 watt horn speaker suitable for connection to the K3507 Tone Ringer or to the K3509 Universal Loud Sounding Alarm. The 350mm figure-8 cable has tinned ends for easy connection. IP4, splash-proof. Colour is white.

CAT #
K3505

Tone Ringer

Robust extension tone ringer with volume and pitch controls and an on/off switch. Connection to the exchange line is via either screw terminals or modular socket. Unit has a built-in speaker. An optional 15 watt horn speaker (connected via screw terminals) is available for more directional signalling of incoming calls. Maximum volume 98dB. This unit has a REN of 1.9. Dimensions 115(W) x 155(H) x 35(D)mm.

CAT #	ITEM
K3507	Tone Ringer
K3505	Horn Speaker

Strobe Light

This 12 volt, 3 watt strobe light is suitable for connection to our Universal Loud Sounding Alarm or for use with alarm systems, indicator-boards etc. Three lugs allow mounting to any surface. Two 550mm conductors exit from the centre rear of the unit and have tinned ends for easy termination.

CAT #	LENS COLOUR
K3504BLU	Blue

A POWER IN THE INDUSTRY WITH A WIDE RANGE TO SUIT A DIVERSE MARKET

# SLIM SWITCHES & GPO'S

Slim Basics - Switches
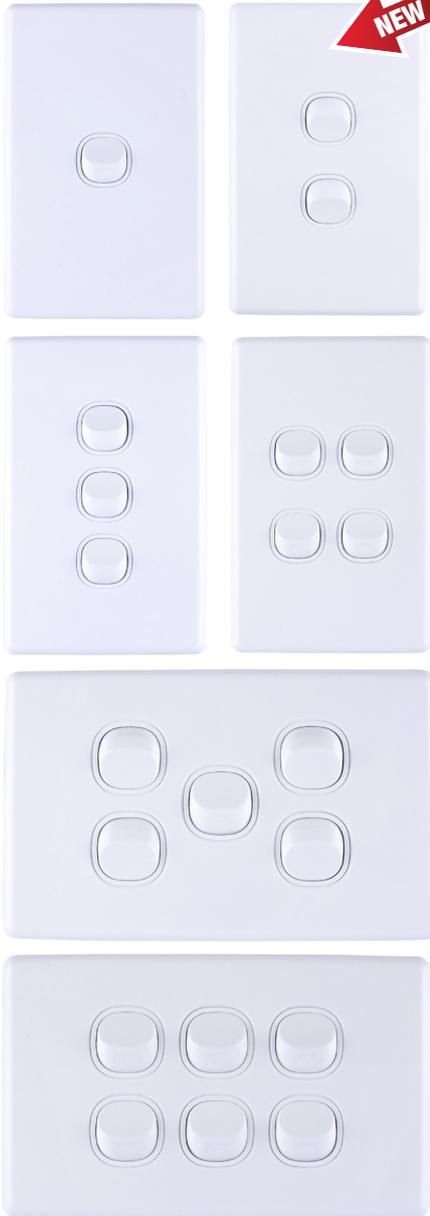
Slim Basics range offers recognisable quality. Powermaster's range of Slim Basics offers our wide range of Switches & Power Outlets from single gang switches to 2-gang power outlets with USB ports.

CAT #	DESCRIPTION	GANG
P60001GSH	16A Vertical	1 Gang Switch Slim
P60002GSH	16A Vertical	2 Gang Switch Slim
P60003GSH	16A Vertical	3 Gang Switch Slim
P60004GSH	16A Vertical	4 Gang Switch Slim
P60005GSH	16A Horizontal	5 Gang Switch Slim
P60006GSH	16A Horizontal	6 Gang Switch Slim

Slim Basics - GPO

ACCESS Slim Basics range offers recognisable quality. Powermaster's range of Slim Basics offers our wide range of Switches & Power Outlets from single gang switches to 2-gang power outlets with USB ports.

| CAT #	DESCRIPTION	GANG
P60002GPOH	10A Horizontal	2-Gang GPO Slim
P60002GPOUSB1	10A Horizontal	2-Gang GPO USB x 2

Touch - GPO
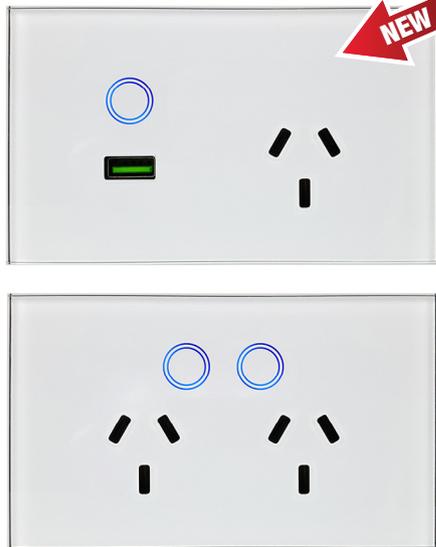
Powermaster's range of Touch GPO is where style meets function.

The light touch function makes them the most accessible GPO's including light indication, showing on/off status and illumination for night time.

Home fashion designed anti-shock acrylic material faceplate, co-ordinates with Powermaster's Touch Switch range . Tested to Australian standards 220-240V AC / 50Hz-60Hz.

CAT #	DESCRIPTION	GANG
P60012GPOH		2-Gang Touch 240V Outlet
P60011GPOUSB1		1-Gang Touch 240V plus USB

Touch - Switches

Powermaster's range of Touch Switches is where style meets function. The light touch function of the switches makes it the most accessible light switch including light indication showing on/off status and illumination for night time. Home fashion designed anti-shock acrylic material faceplate, co-ordinates with Powermaster' Touch GPO range. Tested and certified to Australian safety standards.

CAT #	DESCRIPTION	GANG
P60011GSH		1-Gang Touch Switch
P60012GSH		2-Gang Touch Switch
P60013GSH		3-Gang Touch Switch
P60014GSH		4-Gang Touch Switch

Electrical Cable

Three core electrical lighting cable, twin active with earth.1.5mm & 2.5mm conductor size

CAT #	PORTS
Y1015100	Electrical Cable 1.5mm 100m
Y1025100	Electrical Cable 2.5mm 100m

POWER CORDS

IEC-C7 Appliance Cord

2-core light duty power cord as used on some small appliances. Fitted with IEC-C7 (figure-8) connector and Australian 2-pin mains plug with insulated pins compliant with AS/NZS3112. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3762-005	500mm	Black
K3762-001	1.0 Metre	Black
K3762	2.0 Metre	Black
K3762WHI	2.0 Metre	White
K3762-030	3.0 Metre	Black
K3762-080	8.0 Metre	Black

IEC-C5 Appliance Cord

3-core general duty power cord as used on some compact Switch Mode Power Supplies (laptop computers) and small appliances. Fitted with IEC-C5 connector and Australian 3-pin mains plug with insulated pins compliant with AS/NZS3112. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3745-003	300mm	Black
K3745-001	1.0 Metre	Black
K3745	2.0 Metre	Black
K3745BLU	2.0 Metre	Blue
K3745-050	5.0 Metre	Black

IEC-C13 Power Cord

As used on most computers and office equipment. Fitted with IEC-C13 connector and Australian 3-pin mains plug with insulated pins compliant with AS/NZS3112. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3746	500mm	Black
K3748	1.0 Metre	Black
K3756BLK	1.5 Metre	Black
K3749	2.0 Metre	Ash
K3750	2.0 Metre	Black
K3753	2.0 Metre	Dark Grey
K3750WHI	2.0 Metre	White
K3752	2.5 Metre	Dark Grey
K3758ASH	3.0 Metre	Ash
K3758	3.0 Metre	Black
K3757	5.0 Metre	Black
K3750-010	10 Metre	Black
K3750-020	20 Metre	Black

IEC-C7 Appliance Cord with Right-angle Mains Plug

2-core light duty power cord as used on some small appliances. Fitted with IEC-C7 (figure-8) connector and Australian 2-pin right-angle mains plug with insulated pins compliant with AS/NZS3112. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3762-009	2.0 Metre	Black

High Temp IEC-C15 Appliance Cord

A 10 Amp AC high temperature (120°C) appliance cord with elastomer flex as required by computer servers and hot kitchen appliances. Fitted with high-temperature, notched-type IEC-C15 appliance connector and an Australian 3-pin mains plug with insulated pins compliant with AS/NZS3112. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3741	1.0 Metre	Black
K3741-020	2.0 Metre	Black

IEC-C13 Special Purpose Power Cord with Round Earth Pin

Power cord fitted with IEC-C13 connector (straight or right-angled) and Australian Special Purpose 3-pin mains plug with round earth pin and insulated active and neutral pins compliant with AS/NZS3112. Applications include lighting, exhaust fans, cash registers or IT equipment which may be connected to a special purpose power circuit. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR	IEC-C13
K3788-002	2.0 Metre	Black	Straight
K3788-001	3.0 Metre	Grey	Straight
K3755-RND	2.0 Metre	Black	Right-angle

Power Cord with Right-angle IEC-C13 Connector

10 Amp AC power cord as used on most computers and office equipment. Fitted with a left-hand right-angle IEC-C13 connector and Australian 3-pin mains plug with insulated pins compliant with AS/NZS3112. Standard right-angle is left-hand type, right-hand is available on special request. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3755	2.0 Metre	Black
K3755ORA	2.0 Metre	Orange/Transparent*

*Designed for medical applications.

IEC-C13 Power Cord with Right-angle IEC-C13 Connector and Right-angle Mains Plug

3-core flex fitted with a right-angle 3-pin Australian mains plug with insulated pins compliant with AS/NZS3112 and a left-hand right-angle IEC-C13 connector. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3785-055	2.0 Metre	Black

Right-angle Mains Cord with IEC-C13 Connector

A 3-core flex fitted with right-angle 3 pin Australian mains plug with insulated pins compliant with AS/NZS3112 and an IEC-C13 connector. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3785-003	340mm	Black
K3785-013	2.0 Metre	Black
K3785-010	2.0 Metre	Grey

POWER CORDS

POWERMASTER®

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POWER CORDS

IEC-C14 to IEC-C15 Power Cord

A 10 Amp AC power cord used mainly to power computer servers from a UPS IEC outlet. Fitted with male IEC-C14 and female high temperature IEC-C15 connectors. High temperature RR flex as required for compliance when molded to the IEC-C15 connector.

CAT #	LENGTH	COLOUR
K3742-005	500mm	Black
K3742-010	1.0 Metre	Black
K3742-015	1.5 Metre	Black
K3742-016	1.5 Metre	White
K3742-020	2.0 Metre	Black
K3742-030	3.0 Metre	Black
K3742-050	5.0 Metre	Black

IEC-C19 to IEC-C20 Power Cord

15 Amp 1.5mm² AC power cord fitted with female IEC-C19 15 Amp (16 Amp) and male IEC-C20 connectors. As used on rack mounted power boards, servers and UPS. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3743-002	250mm	Black
K3743-005	500mm	Black
K3743-007	750mm	Black
K3743-010	1.0 Metre	Black
K3743-011	1.0 Metre	White
K3743-015	1.5 Metre	Black
K3743-020	2.0 Metre	Black
K3743-021	2.0 Metre	White
K3743-025	2.5 Metre	Black
K3743-030	3.0 Metre	Black
K3743-031	3.0 Metre	White
K3743-040	4.0 Metre	Black
K3743-050	5.0 Metre	Black
K3743-060	6.0 Metre	Black
K3743-080	8.0 Metre	Black
K3743-100	10 Metre	Black

IEC-C5 to IEC-C14 Power Cord

AC power cord used mainly to power laptop PC's from UPS output. Fitted with female IEC-C5 and male IEC-C14 connectors. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3796-010	1.0 Metre	Black
K3796-020	2.0 Metre	Black

Right-angle Left-hand IEC-C13 to IEC-C14 Power Cord

A 10 Amp AC power cord with a left-hand right-angle female IEC-C13 connector to a male IEC-C14 connector. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3759-002	2.0 Metre	Black

IEC-C14 to 2x IEC-C13 Y Cord

10 Amp 3-core power cord fitted with one IEC-C14 connector and two IEC-C13 connectors. Suitable for supply of power to two monitors or other devices fitted with IEC-C14 connectors from a single IEC-C13 power connector. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3778-300	200mm + 2 x 100mm	Black
K3778	500mm + 2 x 1.5 Metre	Black

IEC-C19 Power Cord

As used on rack mounted power boards. Fitted with a female IEC-C19 connector and an Australian 10 Amp or 15 Amp 3-pin mains plug with insulated pins compliant with AS/NZS3112. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR	MAINS PLUG
K3744-115	1.0 Metre	Black	15 Amp
K3744-010	2.0 Metre	Black	10 Amp
K3744-015	2.0 Metre	Black	15 Amp
K3744-315	3.0 Metre	Black	15 Amp
K3744-515	5.0 Metre	Black	15 Amp

IEC-C13 to IEC-C14 Power Cord

10 Amp AC power cord used mainly to power monitors from the PC's IEC output. Fitted with female IEC-C13 and male IEC-C14 connectors. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3759-005	500mm	Black
K3759-503	500mm	Blue
K3759-505	500mm	Green
K3759-504	500mm	Orange
K3759-501	500mm	Red
K3759-502	500mm	White
K3759-001	1.0 Metre	Black
K3759-513	1.0 Metre	Blue
K3759-515	1.0 Metre	Green
K3759-514	1.0 Metre	Orange
K3759-511	1.0 Metre	Red
K3759-512	1.0 Metre	White
K3759-015	1.5 Metre	Black
K3759-523	1.5 Metre	Blue
K3759-525	1.5 Metre	Green
K3759-524	1.5 Metre	Orange
K3759-521	1.5 Metre	Red
K3759-522	1.5 Metre	White
K3760	2.0 Metre	Ash
K3759	2.0 Metre	Black
K3759-533	2.0 Metre	Blue
K3759-535	2.0 Metre	Green
K3759-534	2.0 Metre	Orange
K3759-531	2.0 Metre	Red
K3759-532	2.0 Metre	White
K3759-025	2.5 Metre	Black
K3794	3.0 Metre	Black
K3794WHI	3.0 Metre	White
K3795	5.0 Metre	Black
K3795WHI	5.0 Metre	White
K3759-100	10 Metre	Black

POWER CORDS

Lamp Cord with In-line Switch

Light duty 10 Amp 2-core (2 x 0.75mm² conductors) flat profile power cord with or without bayonet cap lamp holder with skirt. Australian 2-pin mains plug with insulated pins compliant with AS/NZS3112. The cord has an overall length of 3 meters, with an in-line on/off switch inserted 1.8 meters from the mains plug end. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR	BC LAMP HOLDER
K3761-001	3 Metre	Black	With
K3761-002	3 Metre	Black	Without

IEC-C13 Mains Y Cord

A 10 Amp 3-core power cord fitted with Australian 3-pin mains plug with insulated pins compliant with AS/NZS3112 and two IEC-C13 connectors. Suitable for supply of power to both a PC and monitor from a single power outlet. Length is 2 metres overall, comprising 2 x 1.5 metre IEC-C13 sections and a single 500mm section from the mains plug to the Y-junction. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3774	500mm + 2 x 1.5 Metre	Black

IEC Mains Socket Y Cord

10 Amp 3-core power cord fitted with one IEC-C14 connector, one IEC-C13 connector and one 3-pin Australian mains socket. Suitable for connection of a device fitted with a standard Australian mains plug and a device fitted with an IEC-C14 connector to a UPS or other device fitted with a IEC-C13 female connector. Length is 600mm overall, comprising 2 x 220mm IEC sections and a single 220mm section from the mains socket to the Y-junction. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3773	220mm + 2 x 220mm	Black

Mains Cord

A 2-core or 3-core flex fitted with standard Australian mains plug with insulated pins compliant with AS/NZS3112. Custom lengths, colours, stripping and tinning or terminals are available. Suitable for any hard-wired electrical appliances or light fittings. Stock cords are shown below. Electrical Safety Authority Approved.
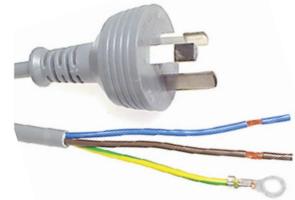
CAT #	LENGTH	FLEX	COLOUR	SHEATH STRIPPED	ACTIVE/NEUTRAL	EARTH
K3762CUT	2.0 Metre	2 x 0.75mm²	Black	10mm	Blunt Cut	
K3781	1.8 Metre	3 x 1.00mm²	Black	10mm	Blunt Cut	Blunt Cut
K3782	2.0 Metre	3 x 0.75mm²	Black	80mm	10mm Stripped	M4 connector
K3782GRY	2.0 Metre	3 x 0.75mm²	Grey	80mm	10mm Stripped	M5 connector
K3782-010	2.0 Metre	3 x 1.00mm²	Grey	80mm	10mm Stripped	M5 connector
K3782-020	2.0 Metre	3 x 1.00mm²	Black	80mm	10mm Stripped	M5 connector
K3782-003	3.0 Metre	3 x 0.75mm²	Grey	80mm	10mm Stripped	M5 connector

Right-angle Mains Cord - Stripped & Tinned

A 2-core or 3-core flex fitted with right-angle 2 or 3 pin Australian mains plug with insulated pins compliant with AS/NZS3112. Custom lengths, colours, stripping and tinning or terminals are available. Suitable for any hard-wired electrical appliances or light fittings. Stock cords are shown below. Electrical Safety Authority Approved.

CAT #	LENGTH	FLEX	COLOUR	SHEATH STRIPPED	ACTIVE/NEUTRAL	EARTH
K3785-001	2.0 Metre	3 x 0.75mm²	Black	65mm	10mm stripped	10mm stripped
K3785-002	2.0 Metre	3 x 1.00mm²	Black	65mm	10mm stripped	10mm stripped

Mains Socket IEC-C14 Cord

10 Amp 3-core power cord fitted with standard Australian mains socket and an IEC-C14 connector. Suitable for connection of a device fitted with a standard mains plug to an IEC-C13 connector. Typically used to connect a PC to a UPS. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3791	150mm	Black
K3792	1.5 Metre	Black

Extension Power Cord

Australian 10 Amp general duty extension power cord with a 3-pin mains plug with insulated pins compliant with AS/NZS3112 and recessed mains socket. Packed in colourful and strong hang-sell poly-bags. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K4003BLK	3.0 Metre	Black
K4003	3.0 Metre	White
K4005BLK	5.0 Metre	Black
K4005	5.0 Metre	White
K4010BLK	10 Metre	Black
K4010	10 Metre	White
K4015BLK	15 Metre	Black
K4015	15 Metre	White
K4020BLK	20 Metre	Black
K4020	20 Metre	White
K4025BLK	25 Metre	Black
K4025	25 Metre	White

POWER CORDS

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POWER CORDS

U.K. IEC-C13 Power Cord

10 Amp AC power cord as used on most U.K. Hong Kong or Singapore computers and office equipment. Fitted with an IEC-C13 connector and a 230V 3-pin U.K. mains plug with integrated 13 Amp fuse.

CAT #	LENGTH	COLOUR
K3767	2.0 Metre	Black

European IEC-C13 Power Cord

10 Amp AC power cord as used on most European computers and office equipment. Fitted with an IEC-C13 connector and a right-angled 230V earthed European Schuko mains plug.

CAT #	LENGTH	COLOUR
K3769	1.5 Metre	Black
K3770	2.0 Metre	Black

U.S.A. IEC-C13 Power Cord
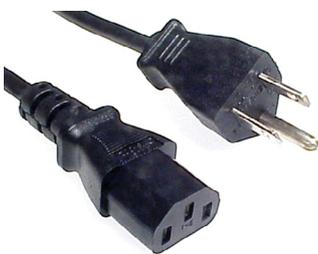
For 110V use. AC power cord as used on most U.S.A. computers and office equipment. Fitted with IEC-C13 connector and 110V U.S.A. 3-pin mains plug.

CAT #	LENGTH	COLOUR
K3764	1.8 Metre	Black
K3765	3.0 Metre	Grey

U.S.A. IEC-C5 Appliance Cord

For 110V use. AC power cord as used on some compact Switch Mode Power Supplies (laptop computers) and small appliances. Fitted with IEC-C5 connector and 110V U.S.A. 3-pin mains plug.

CAT #	LENGTH	COLOUR
K3745USA	2.0 Metre	Black

U.K. IEC-C7 Appliance Cord

2-core light duty power cord as used on some small appliances for use in UK, Hong Kong or Singapore. Fitted with an IEC-C7 (figure-8) connector and a UK 3-pin mains plug with integrated 3 Amp fuse. BS Approved.

CAT #	LENGTH	COLOUR
K3762UK3	2.0 Metre	Black

European IEC-C7 Appliance Cord

2-core light duty power cord as used on some small appliances for use in Europe. Fitted with IEC-C7 (figure-8) connector and a 2-pin European mains plug.

CAT #	LENGTH	COLOUR
K3762EU	2.0 Metre	Black

U.S.A. IEC-C7 Appliance Cord

For 110V use. 2-core light duty 18AWG figure-8 power cord as used in U.S.A. for some small appliances. Fitted with IEC-C7 (figure-8) connector and 110V U.S.A. 2-pin mains plug.

CAT #	LENGTH	COLOUR
K3762USA	2.0 Metre	Black

IEC-C7 Medical Appliance Cord

2-core light duty power cord as used on some small appliances. Fitted with IEC-C7 (figure-8) connector and Australian 2-pin mains plug with insulated pins compliant with AS/NZS3112. Orange coloured flex and transparent mains plug & IEC connector as required for medical equipment applications. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K3762OR1	1.0 Metre	Orange/Transparent
K3762OR2	2.0 Metre	Orange/Transparent
K3762OR3	3.0 Metre	Orange/Transparent
K3762OR5	5.0 Metre	Orange/Transparent

IEC-C13 Medical Power Cord

A 3-core general duty power cord fitted with IEC-C13 connector and Australian 3-pin mains plug with insulated pins compliant with AS/NZS3112. Orange coloured flex and transparent mains plug & IEC connector as required for medical equipment applications. Also see our K3755ORA medical equipment cord with a left-hand right-angle socket. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K37480RA	1.0 Metre	Orange/Transparent
K37560RA	1.5 Metre	Orange/Transparent
K37500RA	2.0 Metre	Orange/Transparent
K37580RA	3.0 Metre	Orange/Transparent
K37540RA	4.0 Metre	Orange/Transparent
K37570RA	5.0 Metre	Orange/Transparent
K37510RA	6.0 Metre	Orange/Transparent

Right-angle IEC-C13 Medical Power Cord

A 3-core general duty power cord fitted with a left-hand right-angle IEC-C13 connector and Australian 3-pin mains plug with insulated pins compliant with AS/NZS3112. Orange coloured flex and transparent mains plug & IEC connector as required for medical equipment applications. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K37550RA	2.0 Metre	Orange/Transparent
K37550R3	3.0 Metre	Orange/Transparent
K37550R5	5.0 Metre	Orange/Transparent

IEC-C13 to IEC-C14 Medical Power Cord

A 3-core IEC extension power cord fitted with female IEC-C13 and male IEC-C14 connectors. Orange coloured flex and transparent IEC connectors as required for medical equipment applications. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K37940RA	3.0 Metre	Orange/Transparent

SMPSU WALL MOUNT POWER SUPPLIES

Wall Mount Switch Mode Power Supplies

Wall mounted light weight and compact Switch Mode Power Supply Units with a wide 90V-264V AC input voltage range to suit travel product applications. The narrow width (excluding the 30G Series) allows two adaptors to be used in a standard double power outlet. Insulated active and neutral pins meet AS/NZS3112 for improved electrical safety. Electrical Safety Authority Approved. Popular models are shown in the table below. Other voltages and choice of output plug can be custom made upon request.

06G Series

Dimensions 41(W) × 54(H) × 46(D)mm
Maximum output power: 6W

12J Series

Dimensions: 39(W) x 79(H) x 38(D)mm
Maximum output power: 12W

18G Series

Dimensions: 44(W) x 85(H) x 36(D)mm
Maximum output power: 15-18W

18J Series

Dimensions: 39(W) x 79(H) x 38(D)mm
Maximum output power: 18W

32G Series

Dimensions: 55(W) x 96(H) x 42(D)mm
Maximum output power: 30W

CAT #	OUTPUT	PLUG	CENTRE	HOUSING
T0512-001	5V DC 1.2A	11 x 5.5 x 2.1	Pos	06G
T0512-003	5V DC 1.2A	10 x 3.5 x 1.3mm	Pos	06G
T0512-004	5V DC 1.2A	Micro USB-B (Detachable)		06G
T0520-13J	5V DC 2.0A	10 x 3.5 x 1.3mm	Pos	12J
T0520-21J	5V DC 2.0A	11 x 5.5 x 2.1mm	Pos	12J
T0530-21J	5V DC 3.0A	11 x 5.5 x 2.1mm	Pos	18J
T0530-25J	5V DC 3.0A	11 x 5.5 x 2.5mm	Pos	18J
T0780-NOK	7.5V DC 800mA	Nokia Plug	Pos	06G
T0911-21J	9V DC 1.1A	11 x 5.5 x 2.1mm	Pos	12J
T1210-21J	12V DC 1.0A	11 x 5.5 x 2.1mm	Pos	12J
T1210-25J	12V DC 1.0A	11 x 5.5 x 2.5mm	Pos	12J
T1225-021	12V DC 2.5A	11 x 5.5 x 2.1mm	Pos	32G
T1255-021	12V DC 1.0A	11 x 5.5 x 2.1mm	Neg	18J
T1255-21J	12V DC 1.5A	11 x 5.5 x 2.1mm	Pos	18J
T1255-25J	12V DC 1.5A	11 x 5.5 x 2.5mm	Pos	18J
T1512-021	15V DC 1.2A	11 x 5.5 x 2.1mm	Pos	18J
T1520-002	15V DC 2.0A	11 x 5.5 x 2.5mm	Pos	32G
T1810-25J	18V DC 1.0A	11 x 5.5 x 2.5mm	Pos	18J
T1816-011	18V DC 1.6A	F-Type Connector	Pos	32G
T1810-21J	18V DC 1.0A	11 x 5.5 x 2.1mm	Pos	18J

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SMPSU IN-LINE POWER SUPPLIES

In-line Switch Mode Power Supply Units

In-line light weight compact Switch Mode Power Supply Units with a wide 96V-264V AC input voltage range to suit travel product applications. Standard IEC-C6, IEC-C8 or IEC-C14 inlet allows the correct IEC-C5, IEC-C7 or IEC-C13 power cord to be selected for different countries. Electrical Safety Authority Approved. Popular models are shown in the table below. Other voltages and choice of output plug can be custom made upon request.

48D Series

Dimensions: 11.5(L) × 47.5(W) × 34(H)mm
Maximum output power: 42W

60J Series

Dimensions: 115(L) x 52(W) x 34(H)mm
Maximum output power: 60W

150E/180E Series

Dimensions: 170(L) x 33(W) x 19(H)mm
Maximum output power: 150/180W

CAT #	OUTPUT	PLUG	CENTRE	IEC	HOUSING
T0540-025	5V DC 4.0A	11 x 5.5 x 2.5	Pos	C-14	60J
T1212-151	12V DC 12.5A	4-Pin DC		C-14	180E
T1235-021	12V DC 3.5A	11 x 5.5 x 2.1	Pos	C-14	48D
T1235-025	12V DC 3.5A	11 x 5.5 x 2.5	Pos	C-14	48D
T1250-021	12V DC 5.0A	11 x 5.5 x 2.1	Pos	C-14	60J
T1250-025	12V DC 5.0A	11 x 5.5 x 2.5	Pos	C-14	60J
T1626-008	16V DC 2.6A	9.7 x 6.5 x 3.0	Pos	C-8	48D
T1823-021	18V DC 2.3A	11 x 5.5 x 2.1	Pos	C-14	48D
T2417-021	24V DC 1.75A	11 x 5.5x 2.1	Pos	C-14	48D
T2425-025	24V DC 2.5A	11 x 5.5x 2.5	Pos	C-14	60J
T2462-151	24V DC 6.25A	4-Pin DC		C-14	150E

Universal Laptop Power Supply 15V-20V

NEW

Powermaster slim universal laptop power supply with USB socket for phone or laptop charging. Auto ranging from 15V to 20V DC, 90 Watt maximum with 2.1A USB charging. The compact design is suitable for travel, dual charging capability allowing your laptop and smart phone/tablet charging at the same time. The universal laptop power supply comes with 12 tips to support major laptops brands including the latest USB-C tip.

CAT #	PLUG TYPE	DIMENSIONS
T9050	Male	11 x 5.5 x 2.1mm

48C Series AC Adaptor (Alarm Panel PSU)

Large ventilated case with 24 Watt maximum capacity designed for applications such as security systems. Specialised 16V AC 1.5 Amp Class 1 (earthed) version available with ash coloured case for security system manufacturers and installers. A selection of models is stocked. Custom models can be made from 3V to 30V with 300mA to 4 Amp current range. Insulated active and neutral pins meet AS/NZS3112 for improved electrical safety. Dimensions 58(W) × 77(H) × 57(D)mm. Electrical Safety Authority Approved.

CAT #	OUTPUT	OUTPUT PLUG	CLASS
T1615MEP	16V AC 1.5A	Stripped/Tinned	1
T1813S/T	18V AC 1.3A	Stripped/Tinned	1
T2410A21	24V AC 1.0A	11 x 5.5 x 2.1mm	2
T2410S/T	24V AC 1.0A	Stripped/Tinned	1

48M Series AC Adaptor
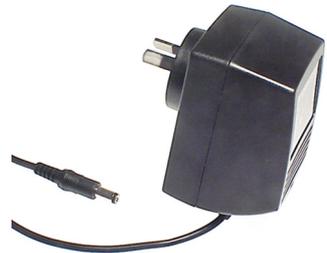
Premium large size AC adaptor with 16.8 Watt maximum capacity. Features include ventilated case, flush LED indicator and our unique 180 degree swivel mechanism which provides excellent strain relief and reduces wear on output cord where it exits the case. The insulated pins are compliant with AS/NZS3112. Dimensions 58(W) x 87(H) x 53(D)mm. Electrical Safety Authority Approved.

CAT #	OUTPUT	OUTPUT PLUG
T0915A25	9V AC 1.5A	11 x 5.5 x 2.5mm
T0915S/T	9V AC 1.5A	Stripped/Tinned
T1210A21	12V AC 1.0A	11 x 5.5 x 2.1mm

POWERMASTER®

DC PLUGS, SOCKETS AND POWER SUPPLIES

DC Output Plugs
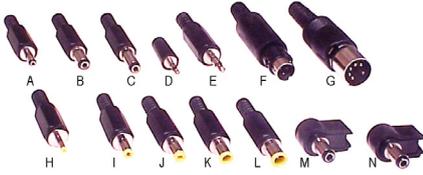
Quality retro-fit DC output plugs for use with power supplies. Soft PVC backshell with flexible cord entry for improved strain relief. Any of these output plug types can be injection molded to output cords when ordering our power supplies.

CAT #	LABEL	PLUG TYPE
K3710	(A)	9.0(L) x 3.5(OD) x 1.3(ID)mm DC Plug
K3712/14	(B)	14.0(L) x 5.5(OD) x 2.1(ID)mm DC Plug
K3714/14	(C)	14.0(L) x 5.5(OD) x 2.5(ID)mm DC Plug
K3715	(C)	9.5(L) x 6.3(OD) x 3.2(ID)mm DC Plug
K3672	(D)	2.5mm Mono Phono
K3674	(E)	3.5mm Mono Phono
K3683	(F)	3 Pin Mini-Din
K3695	(G)	5 Pin Din (240° pins)
K3701	(H)	EIAJ-01
K3702	(I)	EIAJ-02
K3703	(J)	EIAJ-03
K3704	(K)	EIAJ-04
K3705	(L)	EIAJ-05
K3708	(M)	9.5(L) x 5.5(OD) x 2.1(ID)mm Right Angle
K3709	(N)	9.5(L) x 5.5(OD) x 2.5(ID)mm Right Angle

DC Output Cords

Output cables fitted with injection molded DC output plugs.

CAT #	PLUG TYPE	LENGTH	CABLE TYPE
K3733-520	11 x 5.5 x 2.1mm	500mm	Figure-8
K3733-120	9 x 5.5 x 2.1mm	1.2 Metre	Figure-8
K3733-200	11 x 5.5 x 2.1mm	2.0 Metre	Figure-8
K3733	11 x 5.5 x 2.1mm	3.0 Metre	Figure-8
K3735-338	11 x 5.5 x 2.5mm	3.3 Metre	Figure-8
K3735-330	11 x 5.5 x 2.5mm	3.3 Metre	Round

Quick-lock 3 Pin and 4 Pin DC Plugs

Assembly type quick-lock 3 Pin and 4 Pin DC plugs for use with power supplies. A soft PVC strain relief is included and is available to suit different cable diameters.

CAT #	PINS	MAX CABLE OD
K3679-350	3	5.0mm
K3679-355	3	5.5mm
K3679-365	3	6.5mm
K3679-370	3	7.0mm
K3679-435	4	3.5mm
K3679-450	4	5.0mm
K3679-465	4	6.5mm
K3679-470	4	7.0mm

Female DC Plug 2.1mm Screw Terminals

Female DC Plug 2.1mm with screw terminals for use with our SMPSU power supplies and AC adaptors. Suitable for CCTV camera installations.

CAT #	PLUG TYPE	DIMENSIONS
K3706-F21	Female	11 x 5.5 x 2.1mm

Male DC Plug 2.1mm Screw Terminals

Male DC Plug 2.1mm with screw terminals for use with our SMPSU power supplies and AC adaptors. Suitable for CCTV camera installations.

CAT #	PLUG TYPE	DIMENSIONS
K3706-M21	Male	11 x 5.5 x 2.1mm

Output Plug Converter Cords

Output cord converter with injection molded DC plug and socket. Convert the existing output plug of a power supply to a different type, size or polarity. Cross-over version reverses polarity from centre-positive to centre-negative or centre-negative to centre-positive whilst either maintaining existing plug type and size or converting to another. Standard length is 130mm overall and standard construction is 20AWG.

CAT #	SOCKET	PLUG	WIRING	TIP COLOUR	CORD
K3621-S13	2.1mm ID	1.3mm ID	Straight-thru	Black	Round
K3621-S25	2.1mm ID	2.5mm ID	Straight-thru	Black	Round
K3621-SJ2	2.1mm ID	EIAJ-02	Straight-thru	Yellow	Round
K3621-X21	2.1mm ID	2.1mm ID	Cross-over	Red	Round
K3621-21R	2.1mm ID	2.1mm ID	Right-angle Straight-thru	Black	Figure-8
K3621-X25	2.1mm ID	2.5mm ID	Cross-over	Green	Round
K3621-150	2.1mm ID	Blunt Cut			Round
K3625-S21	2.5mm ID	2.1mm ID	Straight-thru	Black	Figure-8
K3625-X21	2.5mm ID	2.1mm ID	Cross-over	Green	Figure-8
K3625-X25	2.5mm ID	2.5mm ID	Cross-over	Red	Figure-8
K3625-150	2.5mm ID	Blunt Cut			Round

Phono and RCA Cords

Cords with injection-molded phono plugs for low voltage and audio applications. W4092 is fitted with a 3.5mm + 2.5mm twin mono phono plug as used by cassette recorder microphones with on/off remote switch and radio equipment with a press-to-talk speaker/microphone. Other types can be custom made to any length using either stereo or mono 2.5mm, 3.5mm or 6.3mm phono plugs.

CAT #	TYPE	COLOUR	LENGTH
W4064	3.5mm mono R/A to 4P2C	Black	600mm
W4066	3.5mm mono R/A to 6P2C	Black	600mm
W4067	3.5mm stereo to 4P2C	Black	600mm
W4074	RCA Male to 4P2C	Black	600mm
W4076	RCA Male to 6P2C	Black	600mm
W4088	6.3mm mono to 4P2C	Black	150mm

57A Series In-Line AC Adaptor

In-line AC adaptor has 24 Watt maximum capacity with output voltages from 3V to 30V with 500mA to 5 Amp current range. The AC input cord fitted with mains plug has insulated pins compliant with AS/NZS3112. Dimensions 67(L) x 59(W) x 88(H)mm. Electrical Safety Authority Approved.

CAT #	OUTPUT	OUTPUT PLUG
T241057A	24V AC 1.0A	Stripped / Tinned

66A Series In-Line AC Adaptor

In-line AC adaptor with 48 Watt maximum capacity. Ventilated case. The 16V model feature a flush mounted LED indicator. The AC input cord is fitted with mains plug and insulated pins compliant with AS/NZS3112. Dimensions 110(L) x 83(W) x 65(H) mm. Electrical Safety Authority Approved.

CAT #	OUTPUT	OUTPUT PLUG
T1630A21	16V AC 3.0A	11 x 5.5 x 2.1mm
T1630S/T	16V AC 3.0A	Stripped/Tinned
T2420A21	24V AC 2.0A	11 x 5.5 x 2.1mm
T2420S/T	24V AC 2.0A	Stripped/Tinned

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TOOLS

IDC 110 Type Connection Tool

Quality impact tool for 110 type IDC terminations. Adjustable tension for impact mechanism. Reversible blade allows terminate only or terminate/cut operations. On-board storage of spare blades. Replacement/spare blades are also available. Not suitable for Krone type IDC terminals.

CAT #	ITEM
T0055	Impact tool
T0056	Blade

IDC Krone Type Connection Tool with Sensor

For IDC connections, P8710 disconnect modules or any Krone type terminals. Simultaneous cut & terminate operations. Fold-out hook and screwdriver accessories. The sensor prevents angled termination and also helps with double jumpering by cutting the second wire before the first wire. On/Off cutting function. Terminate wires with a diameter of 0.4 - 0.9mm (20-27AWG) and insulation of 0.70 to 1.90mm. Not suitable for 110 type IDC terminals.

CAT #
T0059

Datamaster® Professional 3-in-1 Modular Tools - steel

Jaw design distributes equal pressure to all contacts simultaneously. Ratchet operation ensures excellent insulation penetration and cord strain relief. The kit includes a T0019 tool, a plastic carry-case and a selection of modular plugs are also available.

CAT #	PLUG TYPES	PACKING
T0019	4P/6P/6P-MMP/8P	Tool Only
T0019KIT	4P/6P/6P-MMP/8P	Kit
T0016	6P/6P-MMP/8P/8P-AMP/10P	Tool Only

Datamaster® Professional 2-in-1 Modular Tool - steel

Two individual dies allow accurate termination of 6 and 8 position modular plugs. Jaw design distributes equal pressure to all contacts simultaneously. Ratchet operation ensures excellent insulation penetration and cord strain relief.

CAT #	PLUG TYPES
T0017	6P/8P

Cat6 Shielded Modular Tool

This precision crimp tool is designed specifically for Cat6 shielded modular plugs only.

CAT #
T0031

Metal Modular Tools - steel

Ideal for in-field attachment of modular plugs. Excellent insulation penetration and strain relief is achieved. Cord cutting blade is incorporated.

CAT #	PLUG TYPE
T0023	4P
T0022	6P
T0026	6P-MMP
T0028	8P
T0029	10P

Economy 3-in-1 Modular Tool

Three individual dies allow termination of 4, 6 and 8 position modular plugs. Handle incorporates cutter and stripper.

CAT #	PLUG TYPES
T0018-002	4P/6P/8P

H1130 Crimp Tool

This quality metal crimp tool is designed for accurate termination of H1130 insulation displacement quick connect crimps that are used for connection of insulated line cord conductors to telephone plug types 603, 604, 605, 606 and 615. Also suitable for crimping our insulation displacement Y-terminals and other 14-28AWG insulated and non-insulated connectors and pins. A handle operated cord cutter is incorporated.

CAT #
T0035

Datamaster® Compression Connector Crimp Tools

Precision hand crimp employs a ratchet action ensuring correct crimping pressure is applied for reliable, trouble-free compression of our P0720 series water-proof BNC, RCA, PAL and F-type coax connectors. Adjustable compression depth.

CAT #	SUITS	FOR CONNECTOR TYPE
T0040	RG6/U & RG59U	F-type and female
T0041	RG11/U	F-type

Datamaster® Hexagonal Ratchet Crimp Tools

These precision hand crimp tools employ a ratchet action ensuring correct crimping pressure is applied for reliable, trouble-free crimping of coaxial cable plugs. Tool T0038 suits our BNC RG59/U crimp plugs. Tool T0039 is compatible with both our BNC RG59/U crimp plugs and our F-type RG6/U connectors.

CAT #	DIE	SUITS CRIMPS	GRIP COLOUR
T0038	G	P0702	Green
T0039	C2	P0702, P0712	Blue
T0038-3T1	3T1	Mini RG59/U	DIE ONLY

DIE SIZE

DIE	SIZES (INCHES)
G	.043 .068 .100 .137 .213 .255
C2	.068 .262 .324 .350
3T1	.028 .039 .047 .100 .128 .151

DATAMASTER®

TOOLS & TEST EQUIPMENT

Gel Connector Crimp Tool

Custom made precision crimp tool for 100% reliable crimping of our gel-filled connectors or Scotchlock connectors.

CAT #
T0037

Coaxial Cable Stripper

For stripping RG6/U and RG59/U coaxial cables. 3 blades ensure accurate stripping length of each cable section. Built-in hex screws for accurate depth-of-cut adjustment for each blade. Preset stripping length of 12mm (8mm + 4mm). Blades may be repositioned to give a 10mm (6mm + 4mm) stripped length. Reversible cutting block for quick change when stripping between RG6/U and RG59/U coaxial cables.

CAT #
T0063-002

Cutter Stripper

Designed specifically for flat modular cord, this durable cutter/stripper has wide adjustable jaws for accurate and even stripping of PVC jacket. Separate cord cutting jaw is also incorporated.

CAT #
T0032

Round Cable Stripper

Strip the jacket from round cables without damaging the conductors. Ideal for Cat5e or Cat6 cable, security cable and telephone cable. Available with 110 IDC tool built into the tip.

CAT #	IDC TOOL
T0033	No
T0034	Yes

Telemaster® Technician's Test Telephone

Test Telephone with 2-way hands-free speaker, adjustable volume switch, line polarity check and monitor/talk switch. Tone or pulse dialing with last number redial and 12 memories. ABS housing with belt clip and durable coiled cord. Measures 260(L) x 70(W) x 89(H)mm. Weight 560g.

CAT #	ITEM
T0111-002	Phone

Datamaster® Professional LAN Cable Tester

Professional LAN cable tester with advanced backlit LCD. Tests and displays exact pin-to-pin wiring configuration of LAN cables, modular telephone cables and coaxial cables. Tests and displays length of LAN or coaxial cables. With remote terminator (ID #01) for near-end/far-end testing of installed network cables on site, 2 x F-type to BNC coax adaptors, 2 x 8P to 6P modular reducers and 9V battery.

CAT #	ITEM
T0046	Professional LAN Cable Tester (includes remote ID-01)
T0046-001	Spare Remote Terminator ID-01
T0046-002	Extra Remote Terminator ID-02
T0046-003	Extra Remote Terminator ID-03
T0046-004	Extra Remote Terminator ID-04
T0046-005	Extra Remote Terminator ID-05
T0046-006	Extra Remote Terminator ID-06
T0046-007	Extra Remote Terminator ID-07
T0046-008	Extra Remote Terminator ID-08

Lan Cable Tester

Troubleshoot R45 UTP & STP. Lan Cables. The Auto mode makes a single pass over the cable and gives a pass/fail result. The fail result will indicate the type of failure and affected pins/wires. Step mode steps through each wire independently.

CAT #
T0042001

Digital Multimeter

Auto ranging digital multimeter suitable for measuring voltage, current, resistance, capacitance, frequency, temperature and diode/continuity tests. Features a 3½ digit LCD, a data-hold button, a rotary switch for function selection, over-range indication, polarity indication and an inbuilt fuse to protect the meter from damage.

CAT #
T0048

3-In1 Toner Tracer Cable Test

NEW

Wiring system tester, connection map test for discontinuity, short circuit, reversed pairs, crossed pairs, wire tracing, cable continuity, polarity and verifying a line. Possibility of identifying & tracing wires or cables with no damage to insulation. Max.1km cable length, min. receiver distance: 60cm. Signal frequency 500-781Hz, signal frequency 500Hz~781Hz

CAT #
T0116

www.accesscomms.com.au | sales@accesscomms.com.au

ACCESS COMMUNICATIONS PTY LTD

F-Type Compression Connector

Datamaster's high performance F-type compression connector for trouble free professional water-proof coaxial connections. Available to suit RG59/U or RG6/U dual-shield and RG6/U quad-shield cables. Colour coded bands are used to identify connector/cable compatibility. For best performance use only copper-clad steel cable. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040.

CAT #	SUITS
P0722RED	RG59/U
P0722YEL	RG6/U Dual-shield
P0722BLU	RG6/U Quad-shield

Premium PAL Compression Connector

Datamaster's high performance PAL (Belling Lee) compression connector with gold plated centre pin for trouble free professional water-proof coaxial connections. Ideal for TV, VCR and set top box hook-ups. Available to suit RG59/U or RG6/U dual-shield and RG6/U quad-shield cables. Colour coded bands are used to identify connector/cable compatibility. Suitable for either solid copper or copper-clad steel cable. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040.

CAT #	SUITS
P0728RED	RG59/U
P0728YEL	RG6/U Dual-shield
P0728BLU	RG6/U Quad-shield

F-Type Compression Connector for RG11/U Coaxial Cable

Datamaster's high performance F-type compression connector for trouble free professional water-proof coaxial connections to RG11/U quad-shield coaxial cable. For best performance use only copper-clad steel cable. Attach using our professional ratchet compression connector crimp tool T0041.

CAT #	SUITS
P0721	RG11/U

Mini-RG59 Coaxial Cable

Mini RG59/U coaxial cable for high density patch panel solutions. Typical applications include studio integration, mobile broadcasting industry and video intercom installations. Solid copper centre conductor, 94% braid coverage, black jacket with count-down meter marking. Supplied on 100 metre or 305 metre strong polypropylene reels.

CAT #	COLOUR	CORE	PACKING
Y8051-100	Black	Solid copper	100 Metre Reel
Y8051-305	Black	Solid copper	305 Metre Reel

RG11/U Quad-shield Coaxial Cable

RG11/U quad-shield coaxial cable suitable for long runs and backbone applications. Provides higher signal quality for satellite, digital and cable television applications.

CAT #	COLOUR	CORE	PACKING
Y8074-305	Black	Solid copper	305 Metre Reel

RG58/U Coaxial Cable

50 ohm RG58/U coaxial cable. Typical applications include RF/antenna use. Braided tinned copper shield has 95% coverage. Dielectric is solid PE. Multi-strand tinned copper center conductor. Black jacket with count-down metre-marking. Supplied on 100 metre wooden reels.

CAT #	COLOUR	CORE	PACKING
Y8078-100	Black	Multi-strand copper	100 Metre Reel

Flush Plate Mounted F-Type Connector

Coaxial threaded F-connector as used for Digital TV, Cable TV or Satellite TV connections. Compatible with our P4600 series Flush Plates and most standard Australian flush plates. Available in individual Datamaster® zip-top bags or boxes of 40 pieces.

CAT #	COLOUR	PACKING
P4642	White	40 Box

Flush Plate Mounted PAL TV Connector

PAL TV connector as used for analogue or digital TV, set-top boxes and VCR connections. F-connector on rear for easy coaxial cable hook-ups. Compatible with our P4600 series Flush Plates and most standard Australian flush plates. PAL connectors are also known as Belling Lee connectors or IEC60169-2 connectors. Available in individual Datamaster® zip-top bags or boxes of 40 pieces.

CAT #	COLOUR	PACKING
P4655	White	40 Box

RG6/U Quad-shield Coaxial Cable

RG6/U quad-shield 75 ohm coaxial cable for Digital TV, CATV, SATV and CCTV/Security Camera applications. Low-loss for use on long runs. Aluminium braid and foil shields. Gas-injected (foamed) PE dielectric. Copper-clad steel conductor for tensile strength and reliable connection to F-Type connectors. Black jacket with count-down metre-marking. Available on 100 and 500 metre reels or 305 metre reel-in-a-box.

CAT #	COLOUR	CORE	PACKING
Y8041-002	Black	Copper-clad steel	100 Metre Reel
Y8043-003	Black	Copper-clad steel	305 Metre Reel-in-a-box

SECURITY INDUSTRY

4 Conductor Security Cable

Multicore 4 conductor cable for security applications with either 7/0.20mm² or 14/0.20mm² stranding. With count-down metre-marking. Custom made cable is also available.

CAT #	CONDUCTORS	COLOUR	LENGTH	PACK
Y4141GRY	4 x 7/0.20mm²	Grey	100 Metre	Reel
Y4143GRY	4 x 7/0.20mm²	Grey	305 Metre	Reel
Y4141WHI	4 x 7/0.20mm²	White	100 Metre	Reel
Y4143WHI	4 x 7/0.20mm²	White	305 Metre	Reel
Y4144WHI	4 x 7/0.20mm²	White	305 Metre	Pull-box
Y4241GRY	4 x 14/0.20mm²	Grey	100 Metre	Reel
Y4243GRY	4 x 14/0.20mm²	Grey	305 Metre	Reel
Y4244GRY	4 x 14/0.20mm²	Grey	305 Metre	Pull-box
Y4241WHI	4 x 14/0.20mm²	White	100 Metre	Reel
Y4243WHI	4 x 14/0.20mm²	White	305 Metre	Reel
Y4244WHI	4 x 14/0.20mm²	White	305 Metre	Pull-box

48C Series AC Adaptor (Alarm Panel PSU)

Large ventilated case with 24 Watt maximum capacity designed for applications such as security systems. Specialised 16V AC 1.5 Amp Class 1 (earthed) version available with ash coloured case for security system manufacturers and installers. A selection of models is stocked. Custom models can be made from 3V to 30V with 300mA to 4 Amp current range. Insulated active and neutral pins meet AS/NZS3112 for improved electrical safety. Dimensions 58(W) × 77(H) × 57(D)mm. Electrical Safety Authority Approved.

CAT #	OUTPUT	OUTPUT PLUG	CLASS
T1615MEP	16V AC 1.5A	Stripped/Tinned	1
T1813S/T	18V AC 1.3A	Stripped/Tinned	1
T2410A21	24V AC 1.0A	11 x 5.5 x 2.1mm	2
T2410S/T	24V AC 1.0A	Stripped/Tinned	1

General Purpose 24/0.20 Figure-8 Cable

General purpose figure-8 cable suitable for speakers, security systems and other low voltage applications. Printing on one conductor provides easy identification to avoid polarity-reversals during installation. Each conductor has 24 strands of 0.20mm² diameter copper wire giving an overall conductor-size of 0.75mm² (20AWG).

CAT #	COLOUR	REEL
Y3405BLK	Black	100 Metre
Y3406BLK	Black	250 Metre
Y3407BLK	Black	500 Metre
Y3405GRY	Grey	100 Metre
Y3406GRY	Grey	250 Metre
Y3407GRY	Grey	500 Metre
Y3405RED	Red	100 Metre
Y3406RED	Red	250 Metre
Y3407RED	Red	500 Metre
Y3405WHI	White	100 Metre
Y3406WHI	White	250 Metre
Y3407WHI	White	500 Metre

6 Conductor Security Cable
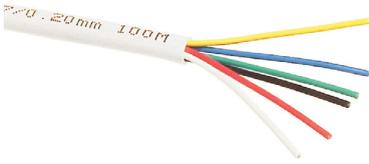
Multicore 6 conductor cable for security applications with either 7/0.20mm² or 14/0.20mm² stranding. Supplied on 100 and 305 metre strong polypropylene reels or 305 metre pull-boxes, all with count-down metre-marking. Other reel sizes or jacket colours can be custom made.

CAT #	CONDUCTORS	COLOUR	LENGTH	PACK
Y4161GRY	6 x 7/0.20mm²	Grey	100 Metre	Reel
Y4163GRY	6 x 7/0.20mm²	Grey	305 Metre	Reel
Y4161WHI	6 x 7/0.20mm²	White	100 Metre	Reel
Y4163WHI	6 x 7/0.20mm²	White	305 Metre	Reel
Y4164WHI	6 x 7/0.20mm²	White	305 Metre	Pull-box
Y4261WHI	6 x 14/0.20mm²	White	100 Metre	Reel
Y4263WHI	6 x 14/0.20mm²	White	305 Metre	Reel
Y4264WHI	6 x 14/0.20mm²	White	305 Metre	Pull-box

BNC Compression Connector

Datamaster's high performance BNC compression connector for trouble free professional water-proof coaxial connections. Available to suit RG59/U or RG6/U dual-shield and RG6/U quad-shield cables. Colour coded bands are used to identify connector/cable compatibility. The 1-piece design suits either solid copper or copper clad steel cable. Attach using our coaxial cable stripper and professional ratchet compression connector crimp tool T0040.

CAT #	SUITS
P0724RED	RG59/U
P0724YEL	RG6/U Dual-shield
P0724BLU	RG6/U Quad-shield

Cat-5E Composite Cable

Composite cable containing a Cat-5E cable plus two 24/0.20mm² conductors (one red, one black) for power feed. Suitable for IP CCTV/Security-camera use where a separate power feed is required for the camera and/or pan/tilt/zoom mechanism. Outer jacket is flexible blue PVC with count-down metre-marking. Available on 100 metre or 200 metre wooden reels.

CAT #	COLOUR	PACKING
Y8065-100	Black	100 Metre Reel
Y8065-200	Black	200 Metre Reel

Mode-3 Security IDC Jack

Datamaster's RJ45 8P4C IDC jack with 2 IDC connections per contact allowing easy line-in and line-out for typical alarm dialler applications. Compatible with our P4600 series flush plates and most standard Australian flush plates. Also suits our P4611 Surface Boxes. Rear termination with 110 or Krone IDC impact tool. Available in individual Datamaster® zip-top bags or in reusable buckets of 50 pieces which include a bonus impact safety chassis for safe and speedy termination.

CAT #	COLOUR	PACKING
P4663BLU	Blue	50 Box

7 Conductor Shielded Cable
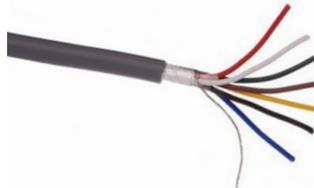
Multicore 7 conductor cable for security applications with 7/0.20mm². Supplied on 250 metre reels with count-down metre-marking. Other reel sizes or jacket colours can be custom made.

CAT #	COLOUR	LEGNTH	PACK
Y4272GRYSCN	Grey	250 Metre	Reel

611 Data Socket

Suitable for security devices, diallers, modems and other auxiliary equipment. Accepts 604, 605 or 606 telephone plugs. Often referred to as a mode-3 socket. Cams allow each terminal pair to be switched or unswitched when plug is withdrawn.

CAT #	COLOUR
P6116	Ivory

MEDICAL INDUSTRY

Nursecall Pendant

Nursecall button with soft PVC pendant for hospital and aged care services. Plug type and wiring can be custom made to suit host equipment. Standard colour is white cable with green button.

CAT #	PLUG	LENGTH
K3811	6.3mm Stereo Phono	3.0 Metre
K3811-005	6.3mm Stereo Phono	5.0 Metre

CAT#	ITEM
K3804GRN	Spare Green Button
K3802	Bed Clip Only

Nursecall Extension Cord - Stripped & Tinned

Extension cord to suit nursecall products. Right-angle 6.3mm stereo phono plug with Tip/Ring/Sleeve connections to stripped and tinned ends. Colour is white.

CAT #	PLUG	LENGTH
K3825	6.3mm Stereo Phono	3.0 Metres

IEC-C13 to IEC-C14 Medical Power Cord

A 3-core IEC extension power cord fitted with female IEC-C13 and male IEC-C14 connectors. Orange coloured flex and transparent IEC connectors as required for medical equipment applications. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K37940RA	3.0 Metre	Orange/Transparent

Nursecall Extension Cord

Extension cord to suit our nursecall pedants and pressure pads. 6.3mm stereo phono socket with Tip/Ring/Sleeve connections to right-angle plug. Colour is white.

CAT #	PLUG/SOCKET	LENGTH
K3814-030	6.3mm Stereo Phono	3.0 Metre

IEC-C7 Medical Appliance Cord

2-core light duty power cord as used on some small appliances. Fitted with IEC-C7 (figure-8) connector and Australian 2-pin mains plug with insulated pins compliant with AS/NZS3112. Orange coloured flex and transparent mains plug & IEC connector as required for medical equipment applications. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K37620R1	1.0 Metre	Orange/Transparent
K37620R2	2.0 Metre	Orange/Transparent
K37620R3	3.0 Metre	Orange/Transparent
K37620R5	5.0 Metre	Orange/Transparent

IEC-C13 Medical Power Cord

A 3-core general duty power cord fitted with IEC-C13 connector and Australian 3-pin mains plug with insulated pins compliant with AS/NZS3112. Orange coloured flex and transparent mains plug & IEC connector as required for medical equipment applications. Also see our K3755ORA medical equipment cord with a left-hand right-angle socket. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K37480RA	1.0 Metre	Orange/Transparent
K37560RA	1.5 Metre	Orange/Transparent
K37500RA	2.0 Metre	Orange/Transparent
K37580RA	3.0 Metre	Orange/Transparent
K37540RA	4.0 Metre	Orange/Transparent
K37570RA	5.0 Metre	Orange/Transparent
K37510RA	6.0 Metre	Orange/Transparent

Nursecall Pressure Pad

Nursecall pressure pad for hospital and aged care services. Plug type and wiring can be custom made to suit host equipment. Standard colour is white.

CAT #	PLUG	LENGTH
K3820	6.3mm Stereo Phono	3.0 Metre

Right-angle IEC-C13 Medical Power Cord

A 3-core general duty power cord fitted with a left-hand right-angle IEC-C13 connector and Australian 3-pin mains plug with insulated pins compliant with AS/NZS3112. Orange coloured flex and transparent mains plug & IEC connector as required for medical equipment applications. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR
K37550RA	2.0 Metre	Orange/Transparent
K37550R3	3.0 Metre	Orange/Transparent
K37550R5	5.0 Metre	Orange/Transparent

AIR CONDITIONING INDUSTRY

Instrumentation Cable 1 Pair

Instrumentation Cable 1 Pair X 1.50mm
Our instrumentation cable is suitable for a wide range of applications across industries where manufacturing and processing operations are controlled and measured by electronic means. Predominantly used as access control cable in commercial air conditioning installation.

CAT #	LENGTH	COLOUR
Y4805100	100 Metre Reel	Black
Y4805200	200 Metre Reel	Black

Instrumentation Cable 2 Pair

Instrumentation Cable 2 Pair X 1.50mm
Our instrumentation cable is suitable for a wide range of applications across industries where manufacturing and processing operations are controlled and measured by electronic means. Predominantly used as access control cable in commercial air conditioning installation.

CAT #	LENGTH	COLOUR
Y4806100	100 Metre Reel	Black
Y4806200	200 Metre Reel	Black

IEC-C13 Special Purpose Power Cord with Round Earth Pin

Power cord fitted with IEC-C13 connector (straight or right-angled) and Australian Special Purpose 3-pin mains plug with round earth pin and insulated active and neutral pins compliant with AS/NZS3112. Applications include lighting, exhaust fans, cash registers or IT equipment which may be connected to a special purpose power circuit. Electrical Safety Authority Approved.

CAT #	LENGTH	COLOUR	IEC-C13
K3788-002	2.0 Metre	Black	Straight
K3788-001	3.0 Metre	Grey	Straight
K3755-RND	2.0 Metre	Black	Right-angle

Mains PDU

1RU rack mounted power distribution board to suit 19" rack cabinets and wall mounts. 8 x standard 10 Amp Australian AS/NZS mains outlets. 1.8 meter flex cord and 10 Amp Australian mains plug. On/off switch and overload switch.

CAT #	RU	MAINS PLUG	OUTLETS	MOUNTING
C1088-001	1	Australian 3-pin	8 x 10A GPO	Horizontal

48C Series AC Adaptor
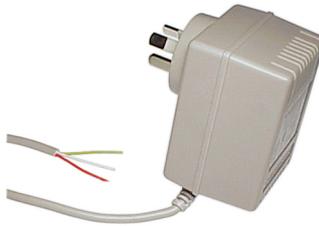
Large ventilated case with 24 Watt maximum capacity designed for applications such as security systems. Specialised 16V AC 1.5 Amp Class 1 (earthed) version available with ash coloured case for security system manufacturers and installers. A selection of models is stocked. Custom models can be made from 3V to 30V with 300mA to 4 Amp current range. Insulated active and neutral pins meet AS/NZS3112 for improved electrical safety. Dimensions 58(W) × 77(H) × 57(D)mm. Electrical Safety Authority Approved.

CAT #	OUTPUT	OUTPUT PLUG	CLASS
T2410A21	24V AC 1.0A	11 x 5.5 x 2.1mm	2
T2410S/T	24V AC 1.0A	Stripped/Tinned	1

Zone Cable - 6 Conductor Modular Line Cord

6 conductor line cord with 6P6C RJ12 modular plugs on each end. Both straight-through and cross-over wiring types are available.

CAT #	LENGTH	WIRING	COLOUR	PACKING
W2540	10 Metre	1-6	Ivory	Bulk
W2540BLK	10 Metre	1-1	Black	Bulk
W2540YEL	10 Metre	1-1	Yellow	Bulk
W2540WHI	10 Metre	1-6	White	Bulk

66A Series In-Line AC Adaptor

In-line AC adaptor with 48 Watt maximum capacity. Ventilated case. The 16V model feature a flush mounted LED indicator. The AC input cord is fitted with mains plug and insulated pins compliant with AS/NZS3112. Dimensions 110(L) x 83(W) x 65(H) mm. Electrical Safety Authority Approved.

CAT #	OUTPUT	OUTPUT PLUG
T2420A21	24V AC 2.0A	11 x 5.5 x 2.1mm
T2420S/T	24V AC 2.0A	Stripped/Tinned

REFERENCE

Modular Plug Termination Recommendations

• Always use a modular plug with the correct contacts for stranded conductors or solid conductors.
• Do not terminate flat cord plugs onto round cord & vice versa.
• Avoid plugging 6 position plugs into 8 position sockets where possible.
• Use quality tools for crimping modular plugs.
• Avoid RJ11, RJ45 Terminology to avoid confusion.
• Ensure plugs with suitable grade of gold plating are used.
• Avoid excessive bending or squashing of data cable jackets.
• Use plug boots to provide extra strain relief.

Note

We recommend adoption of 8P8C, 6P4C terminology when describing modular plugs and jacks. This is a definite way to avoid confusion between similar plugs.

The codes RJ11, RJ12, RJ45 and other RJ (Registered Jack) numbers actually specify various wiring configurations used in the USA, not actual Plug or Jack types.

Modular Plug Variations
Round or Flat Cord Entry

2 variations of modular plug exist to accommodate either Flat or Round cord. The lower face of the cord entry on the rear of the plug body can be either Flat or Round.

The round type should always be used when terminating Category 5 or other Round cords to ensure that the jacket and conductors are not crushed during termination. Flat cord plugs must be used to ensure adequate cord strain relief of flat cord.
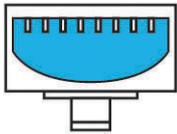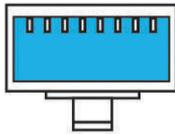
Round   **Flat**

Contacts for Solid or Stranded Conductors

The IDC (Insulation Displacement Contact) section of the Gold contacts can be designed for either Solid conductors or Stranded conductors. Plugs for solid wires have a 3 pronged contact which forks over the Solid conductor whilst the contacts for stranded conductors have 2 spikes which penetrate between the strands. Failure to use to correct contact type will result in unreliable terminations.

Solid Conductor Contact   Stranded Conductor Contact
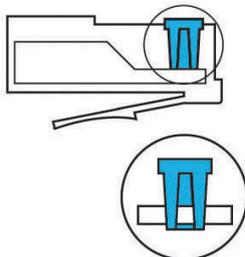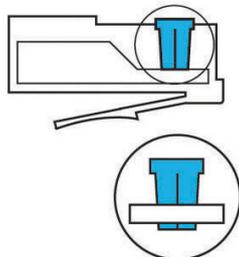
Solid   **Stranded**

## Straight-through and Cross-over Cords
Modular Cords

Flat modular cords can be wired in either straight-through or cross-over configuration. Cross-over wiring is most commonly used for connection of equipment such as telephones, modems, faxes and terminals to a modular wall outlet. However, voice applications will usually tolerate either configuration. Data equipment may use either straight-through or cross-over depending on the equipment's specifications. Accessories such as couplers and double adaptors are available in straight-through or cross-over models.

Flat Modular Cord Wiring Configurations

Straight-through Polarity		Cross-over Polarity	
End A	End B	End A	End B
Pin 1	Pin 1	Pin 1	Pin 8
Pin 2	Pin 2	Pin 2	Pin 7
Pin 3	Pin 3	Pin 3	Pin 6
Pin 4	Pin 4	Pin 4	Pin 5
Pin 5	Pin 5	Pin 5	Pin 4
Pin 6	Pin 6	Pin 6	Pin 3
Pin 7	Pin 7	Pin 7	Pin 2
Pin 8	Pin 8	Pin 8	Pin 1

Checking Flat Modular Cord Wiring Polarity.

Hold both ends of the modular cord with the plugs alongside each other. Ensure that the gold contacts of both plugs are facing you and the cord from each plug is leading down. The gold contacts are numbered from left to right with the plugs in this orientation. Compare the colour sequence from left to right. If the colours appear in the same sequence on both plugs, the cord is wired straight-through. If the colour sequence is reversed on the second plug, the cord is wired cross-over.

Straight-through   Cross-over
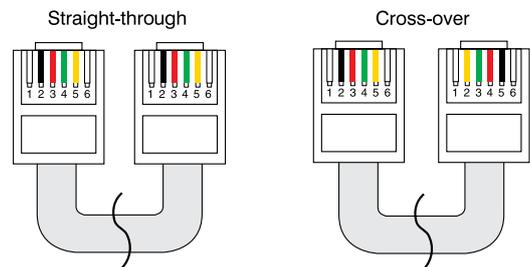
Patch Cords

The majority of patch cords used for connections between jacks on a patch panel or from a PC or terminal to a wall outlet are wired straight-through in T568A to T568A configuration. Cross-over cords are used to daisy-chain switches/hubs or for direct connection of 2 computer network interface cards. Cross-over cord wiring is T568A to T568B with the wiring of the green and orange pairs being transposed.

Modular Plug Gold Plating

The contacts used in modular plugs are gold plated and the gold plating thickness affects the electrical characteristics of the contact and it's resistance to corrosion. The thickness of the Gold Plating is usually measured in µ" (Microinches) or sometimes in microns.

Thickness of Contact Gold Plating

Microinch	Microns	Comments
6µ"	0.15µm	Not recommended. Sometimes used on poor quality or unapproved telephones.
15µ"	0.38µm	The minimum quality for satisfactory voice connections. Unsuitable for data.
30µ"	0.76µm	Satisfactory for voice connections and low speed data only.
50µ"	1.27µm	Provide reliable voice & data connection (when terminated correctly).

REFERENCE

Category 5e & 6 Modular Cord Wiring Configurations

Straight-through Polarity		Cross-over Polarity	
End A	End B	End A	End B
Pin 1	Pin 1	Pin 1	Pin 3
Pin 2	Pin 2	Pin 2	Pin 6
Pin 3	Pin 3	Pin 3	Pin 1
Pin 4	Pin 4	Pin 4	Pin 4
Pin 5	Pin 5	Pin 5	Pin 5
Pin 6	Pin 6	Pin 6	Pin 2
Pin 7	Pin 7	Pin 7	Pin 7
Pin 8	Pin 8	Pin 8	Pin 8

Checking Category 5E & 6 Modular Cord Wiring Polarity

Hold both ends of the modular cord with the plugs alongside each other. Ensure that the gold contacts of both plugs are facing you and the cord from each plug is leading down. The gold contacts are numbered from left to right with the plugs in this orientation. Compare the colour sequence from left to right. If the colours appear in the same sequence on both plugs, the cord is wired straight-through. If the colour sequence of the green and orange pairs is transposed on the second plug, the cord is wired cross-over.
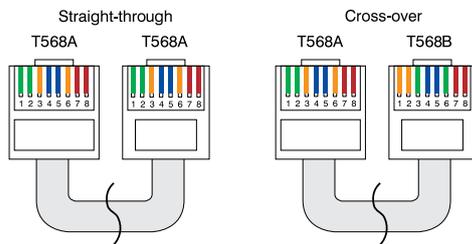
Category 5e Colour Sequence

Category 5e cabling utilises a standard conductor colour coding system. Each pair of conductors consists of a white conductor and a coloured conductor. Each white conductor is usually marked with a coloured stripe or band to prevent incorrect pairing.

Pair	Colour
1	White/Blue
2	White/Orange
3	White/Green
4	White/Brown

Two different pair sequences are used for terminating pairs in a Category 5 or 5E cabling system. Each pair consists of 2 conductors known as the Tip and Ring. The tip (or L+) conductor is always white and the ring (L-) conductor is coloured. Each pair of conductors is assigned a pair of pins in the modular jack according to one of the following standard sequences. The preferred pair assignment for use in Australia is identified as T568A, although T568B is also used.

T568A (Preferred Australian System)
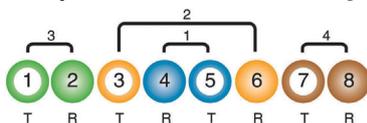
T568B (AT&T)
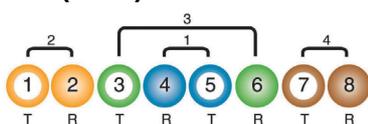
Flat Voice Cord Colour Sequence (USOC)
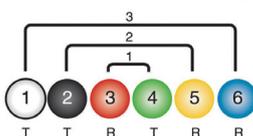
IEC-320 Appliance Connectors

Connector Type	Connector	Inlet	Max. temp.	Rated Current (Amps)
	C1	C2	70°C	0.2A
	C3	C4	70°C	2.5A
	C5	C6	70°C	2.5A
	C7	C8	70°C	2.5A
	C9	C10	70°C	6.0A
	C11	C12	70°C	10.0A
	C13	C14	70°C	10.0A
	C15	C16	120°C	10.0A
	C15A	C16A	155°C	10.0A
	C17	C18	70°C	16.0A
	C19	C20	70°C	16.0A
	C21	C22	155°C	16.0A
	C23	C24	70°C	16.0A

Cable Categories

Category	Frequency	Max Data Speed	Use
1&2	< 1MHz	56Kbps	Voice & low speed data only
3	16MHz	10Mbps	Voice & low speed LAN (10-Base-T, 4 Mbps Token Ring)
4	20MHz	16Mbps	Voice & moderate speed LAN
5	100MHz	100Mbps	Voice & high speed LAN
5e	125MHz	1000Mbps	Voice & high speed LAN
6	250MHz	>1000Mbps	Gigabit LAN
6a	500MHz	10Gbps	Gigabit & 10-Gigabit LAN
7	600MHz	>1000Mbps	Future applications

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REFERENCE

3-pin Australian Mains Plug

Use	Marking	Flex Conductor Colours	Building Wire Conductor Colours
Active	A	Brown	Red
Neutral	N	Blue	Black
Earth	E	Green/Yellow	Green/Yellow
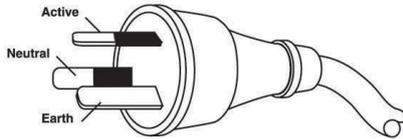
Australian Mains Plug Variations – AS/NZS3112

	10A 2 Pins	10A 3 Pins	10A 3 Pins (Round Earth)	15A 3 Pins	20A 3 Pins
Plug End Pinout					
Description	Standard 10A mains plug for double insulated appliances	Standard 10A mains plug	10A mains plug with round earth pin	Standard 15A mains plug	Standard 20A mains plug
Socket Compatibility					
10Amp Flat Earth	■	■			
10Amp Round Earth	■		■		
15Amp Flat Earth	■	■		■	
20Amp Flat Earth	■	■		■	■
Applications	Double insulated domestic appliances and equipment.	Earthed domestic appliances and equipment.	Special purpose outlets such as control circuits, lighting and exhaust fans etc.	Caravans, air conditioning, light industrial appliances and equipment.	Plug-in stoves air conditioning and light industrial appliances and equipment.
Active & Neutral Pins 6.35mm x 1.63mm	■	■	■	■	
9.08mm x 1.63mm					■
Earth Pin 6.35mm x 1.63mm	NA	■			
9.08mm x 1.63mm	NA			■	■

Power Calculation

The following formula is used to calculate wattage (or VA). This formula is useful to determine if a required voltage and current combination will exceed the maximum capacity of a particular AC Adaptor's case.

$$\textbf{V}\text{olts} \times \textbf{A}\text{mps} = \text{Watts}\ (\textbf{VA})$$

Power Supply Units Abbreviations and Symbols

The rating plate of an Extra Low Voltage Power Supply Unit. (ELVPSU) shows various symbols and abbreviations representing ratings, class, insulation, polarity and other electrical safety and EMC compliance details.

Abbreviations

The following abbreviations used in conjunction with a numeric value, are used to define nominated electrical characteristics of a power supply unit.

|			
V	Volts	Hz	Hertz
A	Amperes	PRI	Input
mA	Miliamperes	SEC	Output
VA	Volt Amperes	DC	Direct Current
VAC	Volts AC	AC	Alternating Current
W	Watts	~	Single Phase (AC)

Power Supply Polarity Symbols

The polarity symbol on the rating plate of an AC to DC power supply indicates if the centre (or tip) of the output plug is positive (+) or negative (-). It is important to use a power supply having the correct polarity for the host device. Reverse polarity may result in malfunctioning or damaged equipment.

Centre Positive.
Indicates that the centre (tip) of the output plug is Positive (+) and the barrel of the output plug is Negative (-).
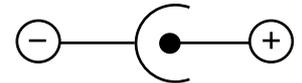
Centre Negative.
Indicates that the centre (tip) of the output plug is Negative (-) and the barrel of the output plug is Positive (+).
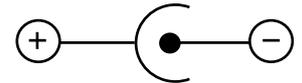
Other Symbols

These symbols are used to define the type of construction and safety and/or fail-safe characteristics of a power supply unit.

Direct current   **Protective earth**   **Class II construction**

**Isolating transformer transformer**   **Safety isolating transformer**   **Fail-safe**

Fuse-link   **Frame or core terminal**

Non-short-circuit transformer. Has an associated external protective device.

Short-circuit-proof transformer. There are two types. An inherent type is short-circuit proof provided that the temperature rise does not exceed the specified limit. A non-inherent type is equipped with an external protective device.

Fail-safe transformer. The non-short-circuit-proof transformer symbol or the short-circuit-proof transformer symbol can be combined with either an isolating transformer symbol or with a safety isolating transformer symbol to produce a composite symbol. In this example, the short-circuit-proof symbol is used in conjunction with the safety isolating transformer symbol.

605 Plug / 610 Socket Colour Sequence
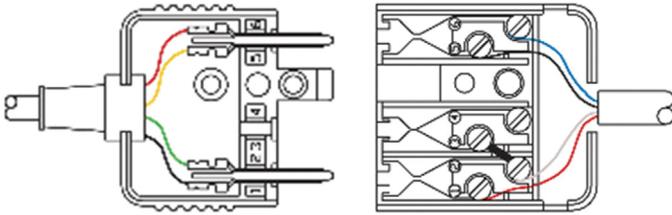
Optical Fibre Cable Categories

ISO/IEC 11801	MODE	CORE/CLADDING	DEFAULT JACKET COLOUR	NOTES	ETHERNET
OM1	MULTIMODE	62.5/125 µm	ORANGE	LED	1 Gigabit Ethernet
OM2	MULTIMODE	50/125 µm	ORANGE	LED	1 Gigabit Ethernet
OM3	MULTIMODE	50/125 µm	AQUA	LASER OPTIMISED	10 Gigabit Ethernet 300M
OM4	MULTIMODE	50/125 µm			0 Gigabit Ethernet 550M
OS1	SINGLEMODE	9/125 µm	YELLOW		
OS2	SINGLEMODE				

Multimode

Multimode fibre optic cable can be used for most general fibre applications. Use multimode fibre for bringing fibre to the desktop, adding segments to an existing network or in smaller applications such as alarm systems.

62.5-micron cable (Orange OM1) vs 50-micron (Aqua OM3 10-Gigabit)

Multimode cable comes with two different core sizes, 50 micron or 62.5 micron. Although 50-micron fibre features a smaller core, which is the light-carrying portion of the fibre, both 62.5-micron and 50-micron cables feature the same glass cladding diameter of 125 microns and both types can be deployed within the same network. However, 50-micron cable is recommended for premises backbone, horizontal and intra-building connections and should be considered for new construction and installations. Both types can use either LED or laser light sources. The main difference between 50-micron and 62.5-micron cable is in the bandwidth. 50-micron cable allows three times the bandwidth of 62.5-micron cable. Other differences are distance and speed. 50-micron cable provides longer link lengths and/or higher speeds.

Singlemode

9/125-micron (Yellow OS1)

Singlemode fibre optic cable features a 9-micron glass core which allows only one pathway of light. Singlemode works with only a single wavelength of light passing through its core by realigning the light towards the centre of the core instead of simply bouncing it off the edge of the core as with Multimode.

Singlemode is typically used for long-haul network connections exceeding a few kilometres. For example, carriers use it for connections between exchanges.

Duplex

Duplex cable consists of two fibres, usually in a figure-8 (siamese) configuration and is available in either Multimode or Singlemode fibre types. Duplex is used for applications that require simultaneous, bi-directional data. Typical applications include fibre switches, patch panels and servers.

Simplex

Simplex fibre optic cable consists of a single fibre and is available in either Singlemode and Multimode types. It is used for applications that only require one-way data transfer.

Connector Types

The most commonly used connectors are SC and LC.

TYPE	DESCRIPTION
SC	Square Connector
ST	Straight Tip (Bayonet)
MT-RJ	Duplex form factor
LC	Lucent Connector "SFP" (Duplex)
FC	Ferrule Connector

Coaxial Cable

Coaxial cable (or "coax") is the most common cable used for transmitting video signals. The name "coaxial" refers to the common axis of the two conductors.

Construction
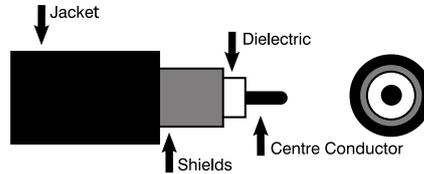
A coaxial cable has a solid copper or copper-clad-steel centre conductor surrounded by a non-conductive dielectric insulating material. The dielectric is surrounded by foil shield/s and/or copper braid/s which form the outer conductor and also shield against electromagnetic interference (EMI). The outer conductor/shield is encased in a PVC jacket.

Most coaxial cables for video applications have a nominal impedance of 75 ohms. Their differing electrical and physical characteristics make it important to select the correct type of cable to suit the application.

Types of coaxial cables

The three most commonly used coaxial cable types for video applications are RG59/U, RG6/U and RG11/U. The "RG" number originated from the "registration number" allocated by the US military to each type of cable. The "/U" indicates that the dielectric is unbonded to the centre conductor.

RG59/U is available with either solid copper or copper-clad-steel centre conductor. It's suitable for basic analogue TV antenna feeds in residential applications and for basic CCTV systems over short cable runs. The copper-clad-steel type has high tensile strength and should be used when terminating the cable with F-Type connectors.

RG6/U Dual-shield Used for security systems, for analogue TV antenna cabling and for CCTV. It features a copper-clad-steel inner conductor. Tri-shield and quad-shield versions of RG6/U provide additional EMI shielding for digital applications.

RG6/U Quad-shield is the minimum requirement under the latest Australian Standard for digital TV antenna cabling and for all TV antenna cabling for apartments/units (MATV). It is also used for the distribution of Cable TV (CATV) and Satellite TV (SATV) in residential or commercial premises. It features a copper-clad-steel inner conductor. Dual-shield and tri-shield versions of RG6/U do not provide adequate EMI shielding for these applications.

RG11/U Quad-shield is used for the same applications as RG6/U for either backbone cabling or for long distribution runs. It features a copper-clad-steel inner conductor.

Coaxial Connectors

BNC connectors are bayonet type connectors, commonly used in CCTV systems. They are the most suitable connector for use with RG59/U cable.

F-Type connectors are used for CATV, SATV and Digital TV in conjunction with either RG6/U or RG11/U cables. The copper-clad-steel inner conductor of the cable forms the inner "pin" of the connector. Although "twist-on" type connectors are available, they do not produce a reliable connection in comparison to a crimp-type connector that has been terminated with a good-quality ratchet crimping tool.

PAL (Belling Lee) connectors are a push-on connector that has been traditionally used for TV antenna wall plates and connections. With the exception of TV/VCR hook-ups, PAL connectors are being replaced by F-Type connectors as required for CATV, SATV and DTV.

Adaptors. Where BNC connectors are required with RG6/U coaxial cable, it is recommended that an F-Type plug be crimped to the RG6/U and an F-Type to BNC adaptor used.

REFERENCE

External Telephone Colour Code

Pair	Line +	Line -
1	White	Blue
2	White	Orange
3	White	Green
4	White	Brown
5	White	Slate
6	Red	Blue
7	Red	Orange
8	Red	Green
9	Red	Brown
10	Red	Slate

Binder-tape colours:

Pairs 1-10	-	Blue binder
Pairs 11-20	-	Orange binder
Pairs 21-30	-	Green binder
Pairs 31-40	-	Brown binder
Pairs 41-50	-	Slate binder
Pairs 51-60	-	Blue/White binder
Pairs 61-70	-	Blue/Orange binder
Pairs 71-80	-	Blue/Green binder
Pairs 81-90	-	Blue/Brown binder
Pairs 91-100	-	Blue/Slate binder

Internal Cabling Colour Code and Pair Assignment

	Pair	Line +	Line -
Flat Modular Cordage	1	Green	Red
	2	Black	Yellow
	3	White	Blue
6P6C RJ12 Pin	1	3	4
	2	5	2
	3	1	6
Cat5e & Cat6 Color Code	1	White/Blue	Blue
	2	White/Orange	Orange
	3	White/Green	Green
	4	White/Brown	Brown
8P8C RJ45 Pin	1	5	4
	2	3	6
	3	1	2
	4	7	8

Internal Telephone Cable Colour Code

Pair numbering commences at outer layer

Pair	Line +	Line -
1	White	Blue
2	White	Orange
3	White	Green
4	White	Brown
5	White	Slate
6	White	Blue/White
7	White	Blue/Orange
8	White	Blue/Green
9	White	Blue/Brown
10	White	Blue/Slate
11	White	Orange/White
12	White	Orange/Green
13	White	Orange/Brown
14	White	Orange/Slate
15	White	Green/White
16	White	Green/Brown
17	White	Green/Slate
18	White	Brown/White
19	White	Brown/Slate
20	White	Slate/White
21-40	Yellow	Repeat Sequence
41-60	Black	Repeat Sequence
61-80	Violet	Repeat Sequence
81-100	Red	Repeat Sequence

I.P. Rating

A three-digit number (as specified in Australian Standards AS1939 and EN60529) is used to provide an IP Rating to a piece of electronic equipment or to an enclosure for electronic equipment.

The three digits represent three different forms of environmental influence:

The **first digit** represents protection against ingress of solid objects.
The **second digit** represents protection against ingress of liquids.
The **third digit** represents protection against mechanical impact damage.

The third digit is often omitted, resulting in a 2-digit IP Rating covering ingress against solid objects and liquids only. As an example, our Gel Connectors are rated at IP67 (totally protected against dust ingress and withstands immersion up to a depth of 1 metre).

The larger the value of each digit, the greater the protection from the corresponding environmental influence. As an example, a product rated as IP573 would be better protected against environmental factors than another similar product that was only rated as IP432.

First Digit - Protection against ingress of solids

Value	Protection Offered
0	No protection
1	Protected against solid objects over 50mm e.g. hands, large tools.
2	Protected against solid objects over 12mm e.g. hands, large tools.
3	Protected against solid objects over 2.5mm.(wire, small tools etc).
4	Protected against solid objects over 1.0mm e.g. wires.
5	Limited protection against dust ingress (no harmful deposit)
6	Totally protected against dust ingress.

Second Digit - Protection against ingress of liquids

Value	Protection Offered
0	No protection
1	Protected against vertically falling drops of water.
2	Protected against direct sprays of water up to 15° from vertical.
3	Protected against direct sprays of water up to 60° from vertical.
4	Protected against water sprayed from any direction. Limited ingress permitted.
5	Protected against low pressure water jets from any direction. Limited ingress permitted.
6	Protected against high pressure water jets from any direction. Limited ingress permitted.
7	Protected against immersion between 15cm and 1Metre.
8	Protected against long periods of immersion under pressure.

Third Digit - Protection against mechanical impact damage

Value	Protection Offered
0	No protection
1	Protected against 0.225 joule impact (150g @ 15cm).
2	Protected against 0.375 joule impact (250g @ 15cm).
3	Protected against 0.5 joule impact (250g @ 20cm).
4	
5	Protected against 2.0 joule impact (500g @ 40cm).
6	
7	Protected against 6.0 joule impact (1.5Kg @ 40cm).
8	
9	Protected against 20 joule impact (5Kg @ 40cm).

TERMS AND CONDITIONS

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Unless otherwise stated, warranty period is 12 months from invoice date. Please retain invoices as proof of purchase. If service is required within the warranty period, return item to our service division with a copy of the invoice. Warranty does not cover any damage caused by incorrect installation, corrosion, liquid spillage, power surges, lightning, leaking batteries, or any deliberate or accidental abuse. Distributors should check products to confirm problems are not due to operator error. Our minimum service fee will apply to any items found to have no fault.

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Product temporarily out of stock will be automatically placed on backorder and shipped when available. If lead times become excessive or product discontinued, we may offer substitute products of equivalent or higher value. Where substitutes are available at lower prices, we will pass the savings on to you. We reserve the right to vary prices and specifications without notice.

Power Surges
Many products such as power supplies are vulnerable to severe damage in the event of power surges or lightning strikes. Damaging surges (or spikes) can come through telephone lines, AC mains supply cord/ power supply or antennas. The damage caused is not covered by warranty and is usually unviable to repair. We recommend disconnection from telephone line and/or 240V AC mains supply during electrical storms or mains power interruptions whenever possible.

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Goods are usually dispatched by overnight road transport. The cost of freight will be added to your invoices. Inward freight must always be paid by the sender. Items repaired under warranty will be returned with freight paid. Under no circumstances will our receiving docks accept consignments if freight cost is charged to receiver. Any such items will be returned to the sender. Overseas orders less than 20kg are usually dispatched by FedEx, unless arranged otherwise.

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Wide and Narrow Power Supplies (AS/NZS 3112:2000 & 2004)

To allow for the safe side-by-side use of devices with integral mains pins (such as plug-in power supplies) in double or multiple socket outlets (double-power points or power boards), these devices must be either less than 43.8mm wide or greater than 54mm wide. Two power supplies that are both less than 43.8mm wide will fit into a double power point (or adjacent sockets on a power board) without jamming. Two wide power supplies (both wider than (54mm) cannot be plugged into the same double power point (neither power supply will work). If one wide and one narrow power supply are plugged into the same double power point, only one power supply will be able to be correctly inserted and the other power supply will not work. The width (w) is measured at the widest part of the device as shown below.

Two narrow power supplies may be used together in a standard double power point. They will both safely operate without mechanical interference.

In an attempt to use one wide plus one narrow power supply in the same double power point, only one will be able to be fully inserted and the other power supply will not work. This example shows the ;wide power supply displacing the "narrow" power supply and preventing it from operating safely.

This example shows an attempt to use two wide power supplies in the same double power point. Both the power supplies are displaced. Neither can be inserted correctly and neither power supply will operate safely.

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