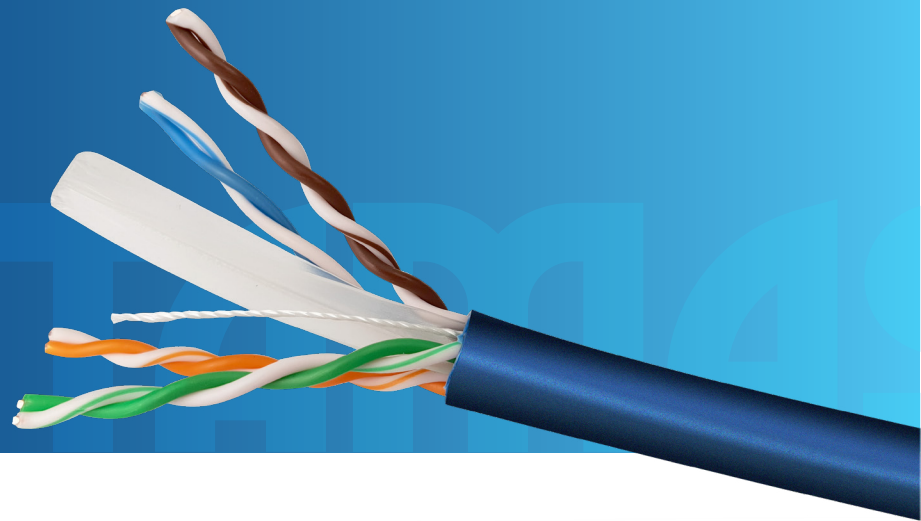


Cat6 Solid Conductor UTP Cable

Y8500 Bulk Cable Series



FEATURES

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 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-a-box
Y8500BLURIB	Blue	305 Metre	Reel-in-a-box
Y8500GRNRIB	Green	305 Metre	Reel-in-a-box
Y8500GRYRIB	Grey	305 Metre	Reel-in-a-box
Y8500ORARIB	Orange	305 Metre	Reel-in-a-box
Y8500PNKRIB	Pink	305 Metre	Reel-in-a-box
Y8500PURRIB	Purple	305 Metre	Reel-in-a-box
Y8500REDRIB	Red	305 Metre	Reel-in-a-box
Y8500WHIRIB	White	305 Metre	Reel-in-a-box
Y8500YELRIB	Yellow	305 Metre	Reel-in-a-box
Y8501ED	Grey	100 Metre	Reel

To view Access' extensive ranges go to: www.accesscomms.com.au

Sydney (Head Office)
Brisbane Office
Melbourne Office
Adelaide Office

33-35 Alleyne Street, Chatswood, NSW, 2067
28 The Gateway, Broadmeadows, VIC, 3047
71 Anzac Highway, Ashford, SA, 5035

Phone: (02) 9414 8888
Phone: (07) 3308 5555
Phone: (03) 9330 8333
Phone: (08) 8338 5540

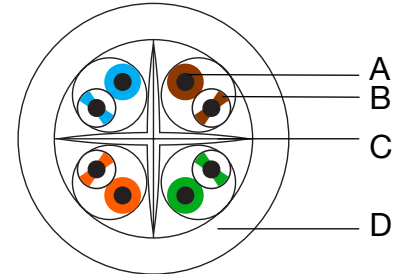
Fax: (02) 9414 8800
Fax: (07) 3308 5500
Fax: (03) 9330 8330
Mob: 0438 245 116

websales@accesscomms.com.au
brisbane@accesscomms.com.au
melbourne@accesscomms.com.au
adelaide@accesscomms.com.au

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DESIGN & CONSTRUCTION



ITEM	DESCRIPTION	COLOUR	SPECIFICATION	MATERIALS
A	Conductor	Copper	AWG 23 1/ 0.52 (+/- 0.008)mm	Bare Copper Solid
B	Insulation	Orange/White with Orange, Blue/White with Blue, Green/White with Green, Brown/White with Brown	Normal Thickness (0.238 mm) Diameter 0.95 (±0.05mm)	HDPE
C	Separator		4.4 x 4.4 mm	Polyethylene
G	Jacket		Thickness (0.55 mm) Minimum Point Thickness (0.50 mm) Diameter 6.0 (±0.20mm)	LSZH PVC

FREQUENCY (MHZ)	ATTENUATION (Max dB/100m)	NEXT (Min dB)	PS NEXT (Min dB)	IMPEDANCE (Ohm)
1	-	66.0	64.0	
4	3.8	65.3	63.3	
10	6.0	59.3	57.3	
16	7.6	56.2	54.2	
20	8.5	54.8	52.8	
31.25	10.7	51.9	49.9	
62.50	15.5	47.4	45.4	100±15
100	19.9	44.3	42.3	
155	26.3	41.4	39.4	
200	29.2	39.8	37.8	
250	33.0	38.3	36.3	

ELECTRICAL PROPERTIES

Spark Test	2000 +/-250V AC
Dielectric Strength	2500 V DC for 3 seconds
Insulation Resistance	Minimum. 150 mega ohms-km at 20°C
Conductor Resistance	Maximum 7.91 ohms-100m at 20°C
Resistance Unbalance	Maximum 2%
Capacitance Unbalance	Maximum 330pF/100M
Mutual Capacitance	Maximum 5600pF/100M
NVP	70%
Temperature Rating	60°C
Voltage Rating	30V

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