

Cat5e Solid Conductor Gel-filled UTP Outdoor Cable

Y8485-300 Bulk Cable

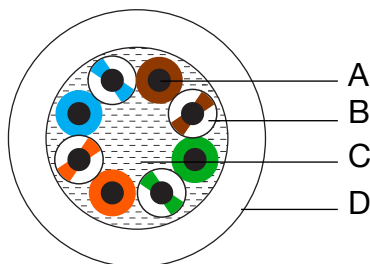


FEATURES

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

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

DESIGN & CONSTRUCTION



ITEM	DESCRIPTION	COLOUR	SPECIFICATION	MATERIALS
A	Conductor	Copper	AWG 24 1/ 0.51 (+/- 0.08)mm	Bare Copper
B	Insulation	Orange/White with Orange, Blue/White with Blue, Green/White with Green, Brown/White with Brown	Average Thickness (0.218 mm) Minimum Point Thickness (0.198 mm) Diameter (± 0.013mm) 1.05 Twisted Pair Diameter (± 0.01mm) 2.04	PE
C	Filler			Polyacrylate
D	Jacket		Average Thickness (0.55 mm) Outer Diameter (±0.20mm) 5.3	PVC UV

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Sydney (Head Office)
Brisbane Sales
Melbourne Office
Adelaide Office

Unit 1, 29 Prince William Drive, Seven Hills NSW 2147
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

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

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FREQUENCY (MHZ)	RETURN LOSS (Min dB)	ATTENUATION (Max dB/100m)	NEXT (Min dB)	PS NEXT (Min dB)	EL FEXT (Min dB)	PS EL FEXT (Min dB)	DELAY (Max dB/100m)	IMPEDANCE (Ohm)
1	20	2.0	74.3	72.3	67.8	64.8	570	
4	23	3.8	65.3	63.3	55.8	52.8	552	
8	24.5	5.3	60.8	58.8	49.7	46.7	547	
10	25	6.0	59.3	57.3	47.8	44.8	545	
16	25	7.6	56.2	54.2	43.7	40.7	543	
20	25	8.5	54.8	52.8	41.8	38.8	542	
25	24.3	9.5	53.3	51.3	39.8	36.8	541	100±15
31.25	23.6	10.7	51.9	49.9	37.9	34.9	540	
62.50	21.5	15.4	47.4	45.4	31.9	28.9	539	
100	20.1	19.8	44.3	42.3	27.8	24.8	538	
200	18	29.0	39.8	37.8	21.8	18.8	537	
250	17.3	32.8	38.3	38.3	19.8	16.8	536	

ELECTRICAL CHARACTERISTICS

Insulation resistance	Min 5000 (MΩ-KM) at 20°C
Dielectric test	1000V DC/1 min no breakdown
Temperature rating	60°C
Voltage rating	30V

REGULATORY COMPLIANCE

