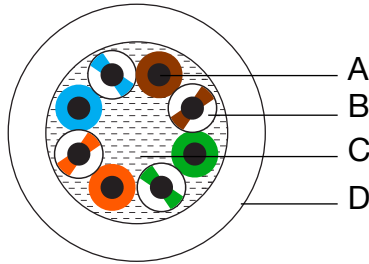


## Cat5e Solid Conductor Gel-filled UTP Outdoor Cable

Y8485 Bulk Cable



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.

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

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			Ploacrylate
D	Jacket		Average Thickness (0.55 mm) Outer Diameter (±0.20mm) 5.3	PVC UV

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 PROPERTIES

Insulation Resistance	'Min. 5000 mega ohms-km at 20°C
Dielectric Test	'1000V DC /1 min ; No Breakdown
Temperature rating (°C)	60
Voltage rating (V)	30



E4073

### REGULATORY COMPLIANCE

To view Access' extensive ranges go to: [www.accesscomms.com.au](http://www.accesscomms.com.au)

**Sydney (Head Office)** 33-35 Alleyne Street, Chatswood, NSW, 2067  
**Brisbane Office** Unit 4, 7 Luke Street, Lytton, QLD, 4178  
**Melbourne Office** 28 The Gateway, Broadmeadows, VIC, 3047  
**Adelaide Office** 71 Anzac Highway, Ashford, SA, 5035

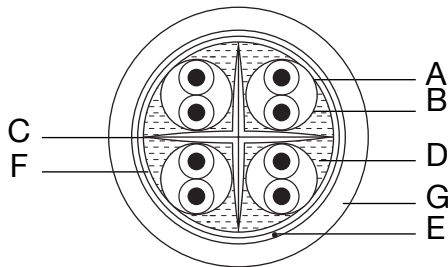
Phone: (02) 9414 8888  
 Phone: (07) 3308 5555  
 Phone: (03) 9330 8333  
 Phone: (08) 8338 5540

Fax: (02) 9414 8800  
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[adelaide@accesscomms.com.au](mailto:adelaide@accesscomms.com.au)

## Cat6 Solid Conductor FTP Gel-filled Cable

Y8486 Bulk Cable



Cat6 cable for outdoor and underground burial. UV stabilised ,gel-filled jacket to prevent water ingress. 4 twisted pairs with shielding, 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

ITEM	DESCRIPTION	COLOUR	SPECIFICATION	MATERIALS
A	Conductor	Copper	AWG 23 0.574 (+/- 0.010)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	Separator			LDPE
D	Filler			Polyacrylate
E	Drain wire		Thickness 0.40mm	Tinned Copper
F	Shielding			Aluminium Foil
G	Jacket		Average Thickness (0.65 mm) Minimum Point Thickness (0.60 mm) Outer Diameter (±0.30mm) 8.0	PVC UV

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	
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250	17.3	32.8	38.3	38.3	19.8	16.8	536	

### ELECTRICAL PROPERTIES

Insulation Resistance	'Min. 5000 mega ohms-km at 20°C
Dielectric Test	'1000V DC /1 min ; No Breakdown
Temperature rating (°C)	60
Voltage rating (V)	30

### REGULATORY COMPLIANCE



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