

Cat6 Solid Shielded UV Stabilised Outdoor Cable

Y8510001 Bulk Cable

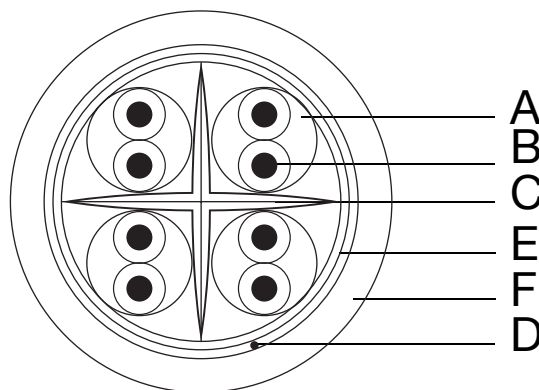


FEATURES

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

DESIGN & CONSTRUCTION



ITEM	DESCRIPTION	COLOR	SPECIFICATION	MATERIALS
A	Conductor	Copper	AWG 23 8/0.585 (±0.005)mm	Bare Copper
B	Insulation	Orange/White with Orange, Blue/White with Blue, Green/White with Green, Brown/White with Brown	Average thickness (0.218mm) Minimum point thickness (0.198mm) Diameter (±0.01mm) 1.02 Twisted pair diameter (±0.01mm) 2.04	PE
C	Separator			LDPE
D	Drain Wire		Thickness 0.40mm	Tinned Copper
E	Shielding			Aluminium foil
F	Jacket	Blue, Grey	Average thickness (0.65mm) Minimum point thickness (0.60mm) Outer diameter (±0.30mm) 8.0	PE

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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	2.1	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	5.9	59.3	57.3	47.8	44.8	545	
16	25	7.5	56.2	54.2	43.7	40.7	543	
20	25	8.4	54.8	52.8	41.8	38.8	542	
25	24.3	9.4	53.3	51.3	39.8	36.8	541	100±15
31.25	23.6	10.5	51.9	49.9	37.9	34.9	540	
62.50	21.5	15	47.4	45.4	31.9	28.9	539	
100	20.1	19.1	44.3	42.3	27.8	24.8	538	
200	18	27.6	39.8	37.8	21.8	18.8	537	
250	17.3	31.1	38.3	36.3	19.8	16.8	536	
300	16.8	34.3	37.1	35.1	18.3	15.3	536	
400	15.9	40.1	35.3	33.3	15.8	12.8	536	

ELECTRICAL PROPERTIES

Insulation resistance	Min 5000 (MΩ KM) at 20°C
Conductor resistance	1000V DC / 1min; no breakdown
Temperature rating	80°C
Voltage rating	300V

REGULATORY COMPLIANCE



Y8510001 Series communications cable - FTP Cat6 ISO/IEC 11801 and TIA/EIA 568C.2 verified - 23AWG x 4P solid

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