

Cat 5e External Grade Cable



Dimensions

No. of Pairs	Nominal Thickness of Insulation mm	Nominal Overall Diameter mm	Nominal Weight kg/Km
4	0.885	5.0	10

Performance Characteristics

Frequency MHz	Attenuation dB/100m	NEXT dB	PS-NEXT dB	RL dB	ELFEXT dB	PS-ELFEXT dB/100m	Delay ns
1.00	2.0	65.3	62.3	20.0	64.0	61.0	570.00
4.00	4.1	56.3	53.3	23.0	52.0	49.0	552.00
8.00	5.8	51.8	48.8	24.5	45.9	42.9	546.73
10.00	6.5	50.3	47.3	25.0	44.0	41.0	545.38
16.00	8.2	47.2	44.4	25.0	39.9	36.9	543.00
20.00	9.3	45.8	42.8	25.0	38.0	35.0	542.05
25.00	10.4	44.3	41.3	24.3	35.8	33.0	541.20
31.25	11.7	42.9	39.9	23.6	34.1	31.1	540.44
62.50	17.0	38.4	35.4	21.5	28.1	25.1	538.55
100.00	22.0	35.3	32.3	20.1	24.0	21.0	537.60

Electrical Characteristics

Impedance ohms	Max Conductor Resistance ohms/Km	Maximum Resistance Unbalance % max
100±15	93.8	5

Standards

ISO/IEC 11801, TIA/EIA 568B

Conductor

Class 1 solid plain copper

Insulation

HDPE (High Density Polyethylene)

Sheath

PE (Polyethylene)

Sheath Colour

Black

Temperature Rating

70°C

Minimum Bending Radius

90°

Core Identification

4 Pairs: Blue + White/Blue, Orange + White/Orange, Green + White/Green, Brown + White/Brown

Note

Direct-Burial version also available