

1000ft 4 Pair Cat6 550MHz 26AWG Stranded Shielded (FFTP) FT4/CMR Bulk Cable

Specifications

Description

This bulk riser rated Cat6 cable is 1000 feet in length and consists of 4 pairs of 26AWG stranded wires with individually foil shielded pairs plus an overall foil shield. It is typically used to manufacture Cat6 shielded patch cables and terminated with shielded RJ45 plugs.



Physical Characteristics

Cable Length	1000ft [305m]
Color	Black/Blue/Green/Grey/Red/White/Yellow
Cable Diameter	6.80mm
Number of Pairs	4 Pairs
Twisted Pair Diameter	3.80 mm (±0.20 mm)
Color of Pairs	White-Blue, White-Green, White-Orange, White-Brown
Wire Gauge	26AWG Stranded
Stranded Count & Diameter	7x0.32 mm
Conductor Material	100% Bare Copper
Jacket Material	PVC - Polyvinyl Chloride
Jacket Rating	CMR/FT4 [Riser Rated]
Cable Shielding	FFTP (Overall Foil and Individually Foil Shielding Pairs).
Temperature Rating	75°C

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**Electrical Characteristics**

Max. Conductor DC Resistance (/KM)	26:138
Min. Conductor DC Resistance (/KM)	PE:100M
Dielectric Strength	AC-500V/1 Min No Breakdown
DC Resistance Unbalance	Max. 2%
Pair-to-Ground Capacitance Unbalance	Max. 330PF/100M
Input Impendence	4-100MHz 100+/-15ohm 100-250MHz 100+/-22ohm
Mean Characteristic Impedance	@100MHz: 100+/-5 Ohms
Nominal Velocity of Propagation (NVP)	68±2%
Propagation Delay	@ 100MHz ≥ 537.6 ns/100m
Propagation Delay Skew	Max. ≥ 45 ns/100m

**Approvals**

UL	Yes
CSA	Yes

**Environmental**

RoHS	Yes
Reach	Yes
Conflict Minerals	Yes

**Packaging Information**

Package Quantity	1
Product Weight	29.9 lbs [13.5kg]