

# EXC Wire & Cable™

## Cat6 FTP Ethernet Cable

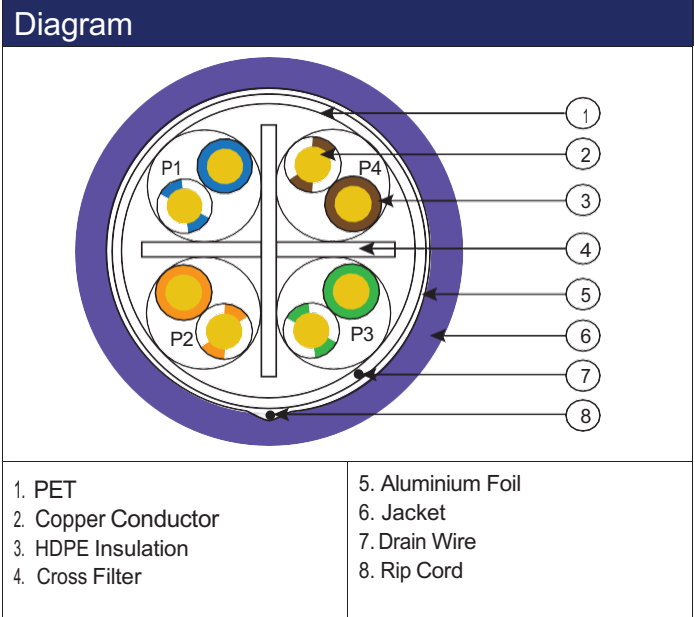
The structure of the FTP Cat 6 cable includes a plastic cross skeleton in the center, with four pairs of twisted pairs outside, each pair of twisted pairs is color-coded, can be used for different transmission channels, bandwidth 250-350Mhz, can support 10Gbps data transfer rate. Cat6 FTP (Foil Twisted Pair) bulk cable is an enhanced version of Cat5e FTP cable. It is designed to support higher bandwidth and faster data transfer rates than Cat5e

### Features & Benefits

- Supplied in easy pull boxes for easy installation
- Excellent performance - exceeding ANSI/TIA-568-C
- Metre marked
- Excellent electromagnetic compatibility
- 23 AWG solid copper cores
- Suitable for Gigabit Ethernet applications
- 25 Year System Warranty Available



Product Specifications	
Description	Cat6 FTP
Inner Conductor	0.55 mm
Insulation	HD polyethylene
Screen	Overall aluminium / polyester type longitudinally applied, aluminium side in with a 0.40 mm tinned copper drain wire applied under the screen
Construction	4 twisted pair cables together with spine foil shield
Colour Code	Pair 1: White/Blue - Blue Pair 2: White/Orange - Orange Pair 3: White/Green - Green Pair 4: White/Brown - Brown
Sheath	PVC(Complies RoHs)
RAL Colour	Different color is available
Overall Diameter	7.6 mm
Min. Bending Radius Operation	30 mm
Impedance	100+/- 15 Ohms
Velocity Ratio	72%
Operating Temperature Range	-10°C to +50°C
Euroclass Rating	Eca



Electrical Specifications				
DC Resistance Unbalance	Max 2.5			
Insulation Resistance	>5000mΩ*km			
Capacitance Unbalance (pair to ground)	< 5.6nF/100 m			
Characteristic Impedance @1-250 MHz	100 Ohms ± 15 Ohms			
Velocity Ratio	72%			
Operating Temperature Range	-20°C to +70°C			
Installation Temperature Range	0°C to +50°C			
Transfer Impedance (mΩ/m)	1 MHz	10 MHz	30 MHz	100MHz