



PowerCat LSZH FTP Cables

Molex's PowerCat FTP cable, has been designed to support high speed data transmission systems such as Gigabit Ethernet. This cable is part of the PowerCat System range of products, that have been designed based on the PowerSum principle of crosstalk measurement and testing.

The PowerSum principle facilitates the use of multiple pairs for parallel transmission within 100 ohm 4 pair cable.

We recommend that the full range of PowerCat products is used in a system to maximise cabling performance, providing extended frequency response and enhanced bandwidth.

- Enhanced performance 4 pair PVC Cable
- Exceeds Category 5 requirements
- Colour coded pairs for ease of termination
- 305m easy spool box or 1km reel
- Foil shielded with drain wire

Technical Information

Mechanical

Conductor Size : 24 AWG Solid Soft Plain Copper
 Primary Insulation : Solid Polyethylene
 Twining : Left hand lay < 20mm
 Sheath : PVC
 Nominal o.d. : 5.8mm

Electrical

D.C. Resistance : <90 ohm/km
 Attenuation : @ 1MHz -2.1
 (db/100m) @ 16MHz -7.7
 @ 100MHz -19.0
 Near End @ 1MHz -65.5
 Crosstalk (dB) @ 16MHz -47.4
 @ 100MHz -35.5



Order No.	Description
CAA-00013	PowerCat FTP Cable 305m box PVC
CAA-00048	PowerCat FTP Cable 1km reel PVC