



Features and Benefits

- Provides enhanced EMC protection and improved Alien Crosstalk performance
- Compliant to TIA / EIA 568-B,2-1 Category 6 cable specifications
- Supports ultrahigh speed data networks such as Gigabit Ethernet (1000 Base-T and 1000 Base-TX) and beyond.
- Incorporates central spine maintaining pair separation during installation to ensure premium performance after installation.
- UL listed
- CM rated cable
- 500 metre reel

Commercial Standards:

TIA/EIA 568-B.2.1, ISO/IEC 11801:2002, EN 50173:2002

Fire Propagation Test: EN50265-2-1

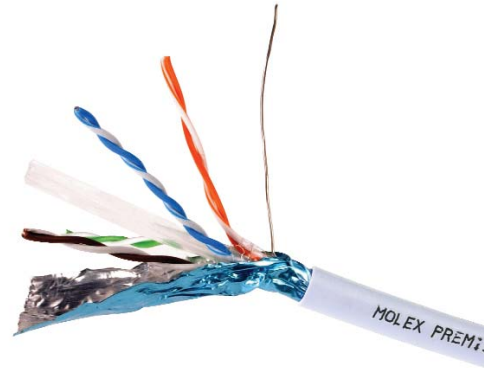
Technical Information

Mechanical Characteristics

Conductor Size : 23 AWG
 Primary Insulation : Solid Polyethylene
 Nominal O.D.: 1.16mm
 Screen Material: Laminated Foil Tape
 Sheath Type: PVC
 Nominal O.D.: 7.0mm +/-0.1mm
 Operating Temperature: -20° to + 60°
 NVP: 72%

Electrical Characteristics

D.C. Resistance: 25./100m
 Crosstalk (dB): @ 1MHz 80.0
 @ 16MHz 71.0
 @ 100MHz 57.0
 @ 250MHz 49.0
 Insertion Loss: @ 1MHz 2.0
 (dB/100m) @ 16MHz 7.2
 @ 100MHz 18.9
 @ 250MHz 31.4
 PS NEXT: @ 1MHz 75.0
 @ 16MHz 68.0
 @ 100MHz 56.0
 @ 250MHz 47.0
 ELFEXT: @ 1MHz 76.0
 @ 16MHz 60.0
 @ 100MHz 44.0
 @ 250MHz 27.0
 PS ELFEXT: @ 1MHz 73.0
 @ 16MHz 54.0
 @ 100MHz 40.0
 @ 250MHz 25.0
 Return Loss: @ 1MHz 28.0
 @ 16MHz 31.0
 @ 100MHz 28.0
 @ 250MHz 25.0
 ACR: @ 1MHz 78.0
 @ 16MHz 63.8
 @ 100MHz 38.1
 @ 250MHz 17.6
 Skew: 1.5ns
 Shipping Weight 500m reel: 25kg



ORDERING INFORMATION

Order No.	Description
CAA-00250	PowerCat 6 FTP Cable, PVC, 500m Reel

This information is correct as at the time of publication, specifications are subject to change

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