

Features and Benefits

Molex PowerCat 6 Shielded Patch Cords are key components of the PowerCat 6 shielded end-to-end solution. Molex PowerCat 6 Patch Cords are designed to support high speed networks. The patch cable is made from high quality four pair 26 AWG stranded copper wire. Available in a range of colours and lengths, PowerCat 6 patch cords are preterminated with RJ45 plugs and feature anti-slag slim strain relief slip on boots.

- 4 pair 26 AWG stranded copper wire
- Pre-terminated with RJ45 plugs
- Slim clear anti-slag slip on boots
- Suitable for EIA 568A or 568B wiring
- PVC sheath
- RoHS Compliant

Commerical Standards

ISO/IEC 11801 2nd Ed Amd 1 Class E,
TIA-568-C.2 Cat. 6, EN50173 Cat.6

Pending Approvals

UL 1863; CSA C22.2

Fire Propagation Tests

CM UL 1685, CSA FT1

Technical Information

Mechanical Characteristics

Cable

Conductor size: 26 AWG stranded copper wire
Screen material: Aluminum/polyester shield with tinned copper drain wire
Nom. O.D.: max 6.3mm
Sheath: Polyvinylchloride (PVC)
Bend radius: 8X O.D.
Operating temperature range: -20°C to 60°C

Plug

MIN operating life: 750 insertion cycles
RJ45 plug material: Clearpolycarbonate (PC)
Boot material: Clear polyvinylchloride (PVC)
Contact material: 0.35 mm thick copper
Contact plating: 1.27 µm gold
RJ45 plug dimensions compliant with: ISO/IEC 60603-7 and FCC 47 Part 68



Electrical Characteristics

Max voltage: 150 VAC (max)
Max current: 1.5A @ 25°C

ORDERING INFORMATION

Order No.	Description
PCD-04044-**	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, PVC - 1m
PCD-04043-**	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, PVC - 2m
PCD-04045-**	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, PVC - 3m
PCD-04049-**	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, PVC - 5m
PCD-04053-**	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, PVC - 7m
PCD-04059-**	PowerCat 6 Patch cord, F/UTP, RJ45, 568B, Stranded, PVC - 10m

Insert color code in place of * in part number when ordering Patch Cords:
0C=Red, 0E=Grey, 0H=Blue, 0J=Green, 0K=Yellow

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