

Features and Benefits

Molex PowerCat 5e Shielded Patch Cords are key components of the PowerCat 5e shielded end-to-end solution. Molex PowerCat 5e 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 5e patch cords are pre-terminated with RJ45 plugs and feature anti-slug slim strain relief slip on boots.

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

Commerical Standards

ISO/IEC 11801 2nd Ed Amd 1 Class D
TIA-568-C.2 Cat. 5e, EN50173 Cat.5e

Pending Approvals

UL 1863; CSA C22.2

Fire Propagation Tests

IEC 60332-1, IEC 61034-2,
IEC-60754-1, IEC-60754-2

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 5.5mm
Sheath: Low Smoke Zero Halogen (LSOH)
Bend radius: 8X O.D.
Operating temperature range: -20°C to 60°C

Mechanical Characteristics - Plug

MIN operating life: 750 insertion cycles
RJ45 plug material: Clearpolycarbonate (PC)
Boot material: Clear polyvinylchloride (PVC)
Contact material: 0.35mm thick copper
Contact plating: 1.27um 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-03001-* | Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 5e, LSOH 1m |
| PCD-03003-* | Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 5e, LSOH 2m |
| PCD-03005-* | Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 5e, LSOH 3m |
| PCD-03009-* | Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 5e, LSOH 5m |
| PCD-03013-* | Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 5e, LSOH 7m |
| PCD-03019-* | Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 5e, LSOH 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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