

## FEATURES AND SPECIFICATIONS

**molex**

## Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 6, LSOH

### 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-snap slim strain relief slip on boots.

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

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 6.3mm  
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-04001-** | Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 6, LSOH, 1m  |
| PCD-04003-** | Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 6, LSOH, 2m  |
| PCD-04005-** | Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 6, LSOH, 3m  |
| PCD-04009-** | Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 6, LSOH, 5m  |
| PCD-04013-** | Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 6, LSOH, 7m  |
| PCD-04019-** | Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 6, 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

### MOLEX PREMISE NETWORKS

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