

# PowerCat 6A Shielded Patch Cord



The Molex PowerCat 6A shielded patch cords are key components of the PowerCat 6A shielded end-to-end solution.

Molex PowerCat 6A Patch Cords are designed to support high speed 10GBASE-T networks and are backward compatible with 10/100/1000BASE-T 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 6A patch cords are pre-terminated with RJ45 plugs and feature anti-snap slim strain relief slip on boots.

## Features and Advantages

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

10G Performance when installed as a complete PowerCat 6A Shielded System



## Specifications

### MECHANICAL

Cable  
Conductor Size: 26 AWG stranded copper wire  
Screen Material: Aluminum/polyester shield with tinned copper drain wire  
Nom. O.D.: 6.5mm  
Sheath: Low Smoke Zero Halogen (LSOH)  
Bend Radius: 8X O.D.  
Operating Temperature: -20°C to 60°C

### Plug

Minimum operating life: 750 insertion cycles  
RJ45 Plug Material: Clear polycarbonate (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

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

### COMMERCIAL STANDARDS

ISO/IEC 11801 2nd Ed And 1 Class EA  
TIA-568-C.2 Cat 6A  
UL 1863  
CSA C22.2

### FIRE PROPAGATION TESTS

IEC 60332-1  
IEC 61034-2

## Ordering Information

| Order No.    | SAP No.       | Description                                |
|--------------|---------------|--|
| PCD-07000-** | Consult Molex | PowerCat 6A Shielded Patch Cord LSOH 1.0m  |
| PCD-07001-** | Consult Molex | PowerCat 6A Shielded Patch Cord LSOH 2.0m  |
| PCD-07002-** | Consult Molex | PowerCat 6A Shielded Patch Cord LSOH 3.0m  |
| PCD-07004-** | Consult Molex | PowerCat 6A Shielded Patch Cord LSOH 5.0m  |
| PCD-07006-** | Consult Molex | PowerCat 6A Shielded Patch Cord LSOH 7.0m  |
| PCD-07009-** | Consult Molex | PowerCat 6A Shielded Patch Cord LSOH 10.0m |

Insert colour code in place of \*\* in part number when ordering Patch Cords: 0C=Red, 0E=Grey, 0H=Blue, 0J=Green, 0K=Yellow, 0W=White, 0P=Purple, 0N=Orange, BK=Black

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