

**Features and Benefits**

Molex PowerCat 6 U/UTP Patch Cords are key components of PowerCat 6 U/UTP End-to-End Solution and are designed to support data networks for 10/100BASE-T and 1000BASE-T applications.

The patch cable is made from high quality four pair 24 AWG stranded copper wire. Available in a range of colors and lengths, PowerCat 6 patch cords are preterminated with RJ45 plugs and feature anti-snag slim strain relief slip on boots.

- 4 pair 24 AWG stranded copper wire
- Pre-terminated with WE8W plugs
- Slim clear anti-snag slip on boots
- Suitable for EIA 568A or 568B wiring
- LSOH sheath
- RoHS Compliant

**Commercial Standards**

ISO/IEC 11801:2002/Amd 2:2010 Cat 6-,  
TIA-568-C.2 Cat 6

**Pending Approvals:**

UL-1863, CSA C2.2, ETL

**Fire Propagation Tests:**

LSOH Sheath: CSA FT1, IEC 60332-1, IEC 61034

**Technical Information****Mechanical Characteristics - Cable**

Conductor size: 24 AWG stranded copper wire  
 Nom. O.D.: 5.9mm  
 Sheath: LSOH  
 Bend radius: 4X O.D.  
 Operating temperature range: -20°C to 60°C

**Mechanical Characteristics - Plug**

MIN operating life: 750 insertion cycles  
 RJ45 plug and boot material: Clear polycarbonate  
 Contact material: 0.35mm thick copper alloy  
 Contact plating: Selective gold  
 RJ45 plug dimensions compliant with: ISO/IEC 60603-7-4 and FCC 47 Part 68

**Electrical Characteristics**

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

**ORDERING INFORMATION**

| Order No.    | SAP No.       | Description                           |
|--------------|---------------|---------------------------------------|
| PCD-02000-** | Consult Molex | PowerCat 6 U/UTP Patch Cord LSOH 0.5m |
| PCD-02001-** | Consult Molex | PowerCat 6 U/UTP Patch Cord LSOH 1m   |
| PCD-02002-** | Consult Molex | PowerCat 6 U/UTP Patch Cord LSOH 1.5m |
| PCD-02003-** | Consult Molex | PowerCat 6 U/UTP Patch Cord LSOH 2m   |
| PCD-02005-** | Consult Molex | PowerCat 6 U/UTP Patch Cord LSOH 3m   |
| PCD-02009-** | Consult Molex | PowerCat 6 U/UTP Patch Cord LSOH 5m   |
| PCD-02013-** | Consult Molex | PowerCat 6 U/UTP Patch Cord LSOH 7m   |
| PCD-02019-** | Consult Molex | PowerCat 6 U/UTP Patch Cord LSOH 10m  |

Insert color code in place of \*\* in part number when ordering Patch Cords:

OC=Red, OE=Grey, OH=Blue, OJ=Green, OK=Yellow, OW=White, OP=Purple, ON=Orange, BK=Black

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