



**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**

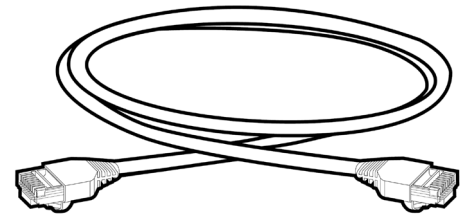
Conductor size: 24 AWG stranded copper wire  
 Nom. O.D.: 5.9mm  
 Sheath: LSOH  
 Bend radius: 4X O.D.  
 Operating temperature range: -20°C to 60°C

**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

**MOLEX PREMISE NETWORKS**

**Americas**  
 Tel: 630 969 4550  
 www.molexpn.com

**EMEA**  
 Tel: 44 (0) 2392 205800  
 www.molexpn.co.uk

**APAC**  
 Tel: 61 3 9971 7111  
 www.molexpn.com.au