

FEATURES AND SPECIFICATIONS



PowerCat 6 U/UTP Patch Cord



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.

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

Commercial Standards

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

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

Fire Propagation Tests:

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



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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