

FEATURES AND SPECIFICATIONS

molex

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-snap slim strain relief slip on boots.

- 4 pair 24 AWG stranded copper wire
- Pre-terminated with WE8W plugs
- Slim clear anti-snap slip on boots
- Suitable for EIA 568A or 568B wiring
- LS0H sheath
- RoHS Compliant

Commerical Standards

ISO/IEC 11801:2002/Amd 2:2010
Cat 6-, TIA-568-C.2 Cat 6,
EN 50173-1:2011 Class E,
ETL Verified

Fire Propagation Tests

LS0H 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: LS0H
Bend radius: 4X O.D.
Operating temperature range:
-20°C to 60°C

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/Optical 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 LS0H 0.5m
PCD-02001-**	Consult Molex	PowerCat 6 U/UTP Patch Cord LS0H 1m
PCD-02002-**	Consult Molex	PowerCat 6 U/UTP Patch Cord LS0H 1.5m
PCD-02003-**	Consult Molex	PowerCat 6 U/UTP Patch Cord LS0H 2m
PCD-02005-**	Consult Molex	PowerCat 6 U/UTP Patch Cord LS0H 3m
PCD-02009-**	Consult Molex	PowerCat 6 U/UTP Patch Cord LS0H 5m
PCD-02013-**	Consult Molex	PowerCat 6 U/UTP Patch Cord LS0H 7m
PCD-02019-**	Consult Molex	PowerCat 6 U/UTP Patch Cord LS0H 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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