

PowerCat 6A Shielded Patch Cord

molex

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

COMMERCIAL STANDARDS

ISO/IEC 11801 2nd Ed And 1 Class EA
TIA-568.2-D Cat 6A
UL 1863
CSA C22.2

FIRE PROPAGATION TESTS

IEC 60332-1
IEC 61034-2

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: -25°C to +55°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

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Order No. PCD-07000_9

USA/0k/RJ/2020.01

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Ordering Information

Order No.	SAP No.	Description
PCD-07000-**	Consult Molex	PowerCat 6A Shielded Patch Cord LS0H 1.0m
PCD-07061-**	Consult Molex	PowerCat 6A Shielded Patch Cord LS0H 1.5m
PCD-07001-**	Consult Molex	PowerCat 6A Shielded Patch Cord LS0H 2.0m
PCD-07002-**	Consult Molex	PowerCat 6A Shielded Patch Cord LS0H 3.0m
PCD-07004-**	Consult Molex	PowerCat 6A Shielded Patch Cord LS0H 5.0m
PCD-07006-**	Consult Molex	PowerCat 6A Shielded Patch Cord LS0H 7.0m
PCD-07009-**	Consult Molex	PowerCat 6A Shielded Patch Cord LS0H 10.0m

Insert colour 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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