

PowerCat 6A Shielded Patch Cord

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 colors and lengths, PowerCat 6A patch cords are preterminated with RJ45 plugs and feature anti-snag slim strain relief slip on boots.



FEATURES AND ADVANTAGES

4 pair 26 AWG stranded copper wire

Pre-terminated with RJ45 plugs

Slim clear anti-snag slip on boots

Suitable for EIA 568A or 568B wiring

PVC sheath

10G Performance when installed as a complete PowerCat 6A Shielded System

RoHS Compliant

SPECIFICATIONS

Commercial Standards

ISO/IEC 11801 2nd Ed Amd 1 Class EA
TIA-568-C.2 Cat 6A
UL 1863; CSA C22.2

Mechanical Characteristics

Cable

Conductor size:

26 AWG stranded copper wire

Screen material:

Aluminum/polyester shield with tinned copper drain wire

Nom. O.D.: 6.5mm

Sheath: Polyvinylchloride (PVC)

Bend radius: 8X O.D.

Operating temperature range:

-20°C to 60°C

Plug

MIN operating life: 750 insertion cycles

RJ45 plug material:

Clear polycarbonate (PC)

Boot material:

Clear polyvinylchloride (PVC)

Contact material: 0.35mm thick copper

Contact plating: 1.27µm gold

RJ45 plug dimensions compliant with:

ISO/IEC 60603-7 and FCC 47 Part 68

Electrical / Optical Characteristics

Max voltage: 150 VAC (max)

Max current: 1.5A @ 25°C

Fire Propagation Tests

CM UL 1685, CSA FT1

www.molex.com/products/copper/cat6a/

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ORDERING INFORMATION

Order No.	SAP No.	Description
PCD-07020-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 1.0m
PCD-07021-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 2.0m
PCD-07022-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 3.0m
PCD-07024-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 5.0m
PCD-07026-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 7.0m
PCD-07029-**	Consult Molex	PowerCat 6A Shielded Patch Cord PVC 10.0m

Please note: All Patch and Equipment cords manufactured by Molex are tested for mechanical and continuity compliance. All cord lengths from 1m to 20m are tested for transmission performance compliance. Cords which are shorter than 1m, and longer than 20m, are outside of the scope of international cabling standards and may not meet the transmission performance requirements of those standards unless otherwise stated.

Insert color code in place of ** in part number when ordering Patch Cords: 0C=Red, 0E=Gray, 0H=Blue, 0J=Green, 0K=Yellow, 0W=White, 0P=Purple, 0N=Orange, BK=Black

www.molex.com/products/copper/cat6a/

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Order No. PCD-07020_9

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