

PowerCat 5e Patch Cord, F/UTP, Stranded, LS0H ➤

Molex PowerCat 5e Shielded Patch Cords are key components of the PowerCat 5e shielded end-to-end solution.

Molex PowerCat 5e Patch Cords are designed to support high speed 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 5e patch cords are pre-terminated with RJ45 plugs and feature anti-slag slim strain relief slip-on boots.

FEATURES AND ADVANTAGES

4 pair 26 AWG stranded copper wire

Pre-terminated with RJ45 plugs

Slim clear anti-slag slip-on boots

Suitable for EIA 568A or 568B wiring

LS0H sheath

RoHS Compliant



SPECIFICATIONS

Commercial Standards

ISO/IEC 11801 2nd Ed Amd 1 Class D
TIA-568-C.2 Cat. 5e, EN50173 Cat.5e

Pending Approvals

UL 1863; CSA C22.2

Fire Propagation Tests

IEC 60332-1, IEC 61034-2,
IEC-60754-1, IEC-60754-2

Electrical Characteristics

Max voltage: 150 VAC (max)

Max current: 1.5A @ 25° C

Mechanical Characteristics

Cable:

Conductor size:

26 AWG stranded copper wire

Screen material:

Aluminum/polyester shield with tinned copper drain wire

Nom. O.D.: max 5.5 mm

Sheath: Low Smoke Zero Halogen (LS0H)

Bend radius: 8 X 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: 0.35 mm thick copper

Contact plating: 1.27µm gold

RJ45 plug dimensions compliant with:

ISO/IEC 60603-7 and FCC 47 Part 68

PoE

Our PowerCat 5e system is suitable for

PoE applications as defined below:

IEEE 802.3bt from Type 1 to Type 4, and

CISCO UPoE+

Notes:

For new installations of PoE Type 3 / Class

5 and above that wish to be eligible for

the Molex 25 year Application Assurance

Warranty, we require Category 6A cable to be used throughout.

To confirm your PoE / RP3 cabling design is eligible for the Molex 25 year Application Assurance Warranty, your design must be verified and validated with the Molex PoE Calculator. Read more

<https://www.molexces.com/poe-calculator>

Molex recommends that the PoE feature on an individual switch port are power disabled prior to unplugging the associated powered Device.

Molex recommends that the full range of PowerCat 5e products be used in a system to maximize cabling and PoE performance Details on Molex requirements for Warranty can be found at

<https://www.molexces.com/about-us/our-warranty/>

www.molexces.com/products/copper/cat5e/

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ORDERING INFORMATION

Order No.	Description
PCD-03001-**	PowerCat 5e Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 1m
PCD-03003-**	PowerCat 5e Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 2m
PCD-03005-**	PowerCat 5e Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 3m
PCD-03009-**	PowerCat 5e Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 5m
PCD-03013-**	PowerCat 5e Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 7m
PCD-03019-**	PowerCat 5e Patch cord, F/UTP, RJ45, 568B, Stranded, LS0H - 10m

*Insert color code in place of ** in part number when ordering Patch Cords:
0C=Red, 0E=Gray, 0H=Blue, 0J=Green, 0K=Yellow*

www.molex.com/products/copper/cat5e/

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