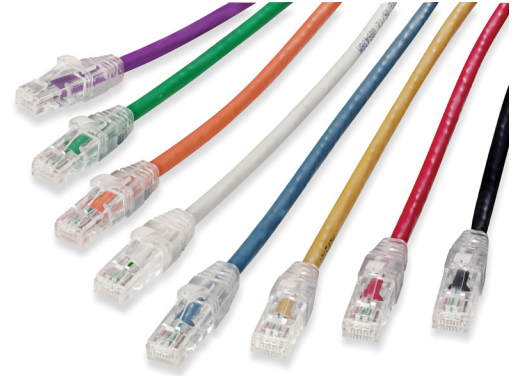**molex**

PowerCat 5e U/UTP Patch Cord PVC ❯

Molex PowerCat 5e U/UTP Patch Cords are key components of the PowerCat 5e U/UTP end-to-end solution and are designed to support data networks for 10/100BASE-T applications.

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 preterminated with RJ45 plugs and feature anti-snag slim strain relief slip on boots.

FEATURES AND ADVANTAGES

4 pair 26 AWG stranded wire
Pre-terminated with WE8W plugs
Slim clear anti-snag slip on boots
Suitable for EIA 568A or 568B wiring applications
PVC sheath
RoHS Compliant

SPECIFICATIONS

REFERENCE INFORMATION
Commercial Standards:
ISO/IEC 11801 2nd Ed
TIA-568-C.2 Cat 5E
UL 1863
CSA C2.2

Environmental Standards:
RoHS compliant
Fire Propagation Tests:
UL 444
CM

MECHANICAL
Cable
Conductor Size:
26 AWG stranded copper wire
Nom. O.D.: 0.165 inch
Sheath: PVC
Bend Radius: 8 x O.D.
Operating Temperature: -20°C to 60°C

Plug
Minimum operating life:
200 insertion cycles
RJ45 Plug Material:
Clear polycarbonate UL94V-0
Boot Material: Clear polyvinylchloride (PVC)
Contact Material: 0.35mm thick copper
Contact Plating: Selective 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

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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PowerCat 5e U/UTP Patch Cord PVC ❯

ORDERING INFORMATION

Order No.	SAP No.	Description
PCD-01F03-**	Consult Molex	PowerCat 5e U/UTP Patch Cord PVC 3ft
PCD-01F05**	Consult Molex	PowerCat 5e U/UTP Patch Cord PVC 5ft
PCD-01F07-**	Consult Molex	PowerCat 5e U/UTP Patch Cord PVC 7ft
PCD-01F10-**	Consult Molex	PowerCat 5e U/UTP Patch Cord PVC 10ft

**= Colors : 0C=Red, 0E=Grey, 0H=Blue, 0J=Green, 0K=Yellow, 0W=White, 0P=Purple, 0N=Orange, BK=Black
Other lengths available, please contact Molex.

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