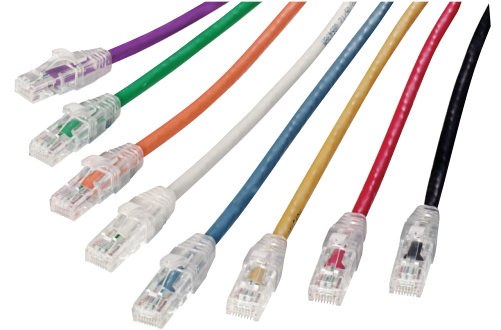**molex**

PowerCat 5e U/UTP Patch Cord ❯

Molex PowerCat 5e U/UTP Patch Cords are key components of PowerCat 5e 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 5e patch cords are pre-terminated with RJ45 plugs and feature anti-snag slim strain relief slip on boots.

FEATURES AND ADVANTAGES

4 pair 24 AWG stranded copper wire

Pre-terminated with WE8W plugs

Slim clear anti-snag slip on boots

Suitable for EIA 568A or 568B wiring

PVC sheath

RoHS Compliant

SPECIFICATIONS

Commercial Standards
ISO/IEC 11801:2002/
Amd 2:2010 Cat 5
TIA-568-C.2 Cat 5E

Pending approvals:
UL-1863, CSA C2.2

Fire Propagation Tests
PVC Sheath: UL 1685-CM, CSA FT1, IEC 60332-1

Mechanical
Cable
Conductor size: 24 AWG stranded copper wire
Nom. O.D.: 5.4mm
Sheath: PVC
Bend radius: 4X O.D.
Operating temperature range:
-25°C to 55°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
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 6 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

molex

PowerCat 5e U/UTP Patch Cord ❯

ORDERING INFORMATION

Order No.	SAP No.	Description
PCD-01040-**	Consult Molex	PowerCat 5e U/UTP Patch Cord PVC - 0.5m
PCD-01041-**	Consult Molex	PowerCat 5e U/UTP Patch Cord PVC - 1m
PCD-01047-**	Consult Molex	PowerCat 5e U/UTP Patch Cord PVC - 1.5m
PCD-01042-**	Consult Molex	PowerCat 5e U/UTP Patch Cord PVC - 2m
PCD-01043-**	Consult Molex	PowerCat 5e U/UTP Patch Cord PVC - 3m
PCD-01044-**	Consult Molex	PowerCat 5e U/UTP Patch Cord PVC - 5m
PCD-01045-**	Consult Molex	PowerCat 5e U/UTP Patch Cord PVC - 7m
PCD-01046-**	Consult Molex	PowerCat 5e U/UTP Patch Cord PVC - 10m

*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.molexces.com/products/copper/cat5e