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PowerCat 6 U/UTP Solid Cable Assemblies ❯

Molex PowerCat 6 Solid U/UTP Cable Assemblies are designed for implementation in Category 6 installations, where Consolidation Points or Cross Connect equipment cords are required. The product is available in PVC and LS0H Solid Cable to meet all requirements within the LAN and Data Center environments.

PowerCat 6 Solid U/UTP Cable Assemblies are factory tested and feature RJ45 plugs and cable strain relief boots to prevent the vulnerable plug termination point from damage when the cable is curved, thus ensuring maximum performance. RJ45 plugs are terminated in 568B sequence.

The product is supplied with both ends terminated and tested, allowing the installer to cut the assembly in half for termination to the IDC.

FEATURES AND ADVANTAGES

Category 6 performance
PVC and LS0H versions
100% Factory Tested
Strain relief boots for protection against cable tension
568B sequence

SPECIFICATIONS

Commercial Standards
TIA/EIA-568-B.2-1
ISO 60603-7 ISO 11801:2002
EN 50173:2002
FCC dimensional requirements

Fire Propagation Tests
PVC: IEC 60332-1
LS0H: CPR EuroClass Dca-s2,d2,a1
Technical Information
Mechanical Characteristics
Plug and Boot
Plug Body: Clear Polycarbonate UL 94-VO
Strain Relief: Clear Polycarbonate UL 94-VO
Contacts:
Copper alloy, selective gold plating

Cable Sheath: LS0H PVC
Sheath Colors: LS0H - Purple, PVC - Gray
Nominal O.D.: 6.4 mm +/- 0.2mm
Operating Temperature range:
-20°C to +60°C

Cable Conductor: 23AWG
Shipping Weight:
4 meters: 0.15 kg
6 meters: 0.25 kg
8 meters: 0.3 kg
10 meters: 0.4 kg
15 meters: 0.9 kg
20 meters: 0.9 kg
25 meters: 1.5 kg
30 meters: 1.33 kg
35 meters: 1.55 kg
40 meters: 2 kg
50 meters: 2.25 kg
60 meters: 2.35 kg

PoE
Our PowerCat 6 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/cat6/

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ORDERING INFORMATION

Order No.	SAP No.	Description
PVC, Gray		
PCD-00456-0E	1818800017	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, PVC, Gray - 4m (pack 12)
PCD-00457-0E	1818800018	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, PVC, Gray - 6m (pack 12)
PCD-00458-0E	1818800019	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, PVC, Gray - 8m (pack 12)
PCD-00459-0E	1818800020	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, PVC, Gray - 10m (pack 12)
PCD-00460-0E	1818800021	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, PVC, Gray - 20m (pack 5)
PCD-00461-0E	1818800022	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, PVC, Gray - 30m (pack 5)
PCD-00462-0E	1818800023	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, PVC, Gray - 40m (pack 1)
LS0H, Dca-s2,d2,a1, Purple		
PCD-00464-0P	181880025	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, LS0H, Purple - 4m (pack 12)
PCD-00465-0P	181880026	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, LS0H, Purple - 6m (pack 12)
PCD-00466-0P	181880027	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, LS0H, Purple - 8m (pack 12)
PCD-00467-0P	181880028	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, LS0H, Purple - 10m (pack 12)
PCD-06000-0P	181880037	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, LS0H, Purple - 15m (pack 1)
PCD-00468-0P	181880029	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, LS0H, Purple - 20m (pack 5)
PCD-06001-0P	181880038	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, LS0H, Purple - 25m (pack 1)
PCD-00469-0P	181880030	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, LS0H, Purple - 30m (pack 5)
PCD-06002-0P	181880039	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, LS0H, Purple - 35m (pack 1)
PCD-00470-0P	181880031	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, LS0H, Purple - 40m (pack 1)
PCD-00471-0P	181880032	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, LS0H, Purple - 50m (pack 1)
PCD-00472-0P	181880033	PowerCat 6 U/UTP Solid Cable Patch Cord Assembly, LS0H, Purple - 60m (pack 1)

www.molexces.com/products/copper/cat6/