molex®

PowerCat™ 6 U/UTP Solid Cable Assemblies

Features and Benefits

Molex Premise Networks 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 LSOH Solid Cable to meet all requirements within the LAN and Data Centre environments.

The 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.

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

Commerical Standards

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

Fire Propagation Tests

IEC 60332-1

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 332.1 and PVC U/UTP
Nominal O.D.:	6.4 mm +/- 0.2mm

Operating Temperature range: -20°C to +60°C

Electrical/Optical Characteristics

Cable

Conductor: 23AWG

Shipping Weight:

4 metres:	2kg
6 metres:	3.2kg
8 metres:	3.8kg
10 metres:	5.kg
20 metres:	4.2kg
30 metres:	5.95kg
40 metres:	1.75kg

ORDERING INFORMATION

Order No.	SAP No.	Description
PCD-00456-0E	Consult Molex	PowerCat 6 U/UTP Sold Cable Patch Cord Assembly, PVC, Grey - 4m (packing size: 12)
PCD-00457-0E	Consult Molex	PowerCat 6 U/UTP Sold Cable Patch Cord Assembly, PVC, Grey - 6m (packing size: 12)
PCD-00458-0E	Consult Molex	PowerCat 6 U/UTP Sold Cable Patch Cord Assembly, PVC, Grey - 8m (packing size: 12)
PCD-00459-0E	Consult Molex	PowerCat 6 U/UTP Sold Cable Patch Cord Assembly, PVC, Grey - 10m (packing size: 12)
PCD-00460-0E	Consult Molex	PowerCat 6 U/UTP Sold Cable Patch Cord Assembly, PVC, Grey - 20m (packing size: 5)
PCD-00461-0E	Consult Molex	PowerCat 6 U/UTP Sold Cable Patch Cord Assembly, PVC, Grey - 30m (packing size: 5)
PCD-00462-0E	Consult Molex	PowerCat 6 U/UTP Sold Cable Patch Cord Assembly, PVC, Grey - 40m (packing size: 1)
PCD-00464-0P	Consult Molex	PowerCat 6 U/UTP Sold Cable Patch Cord Assembly, LS0H, Purple - 4m (packing size: 12)
PCD-00465-0P	Consult Molex	PowerCat 6 U/UTP Sold Cable Patch Cord Assembly, LS0H, Purple - 6m (packing size: 12)
PCD-00466-0P	Consult Molex	PowerCat 6 U/UTP Sold Cable Patch Cord Assembly, LS0H, Purple - 8m (packing size: 12)
PCD-00467-0P	Consult Molex	PowerCat 6 U/UTP Sold Cable Patch Cord Assembly, LS0H, Purple - 10m (packing size: 12)
PCD-00468-0P	Consult Molex	PowerCat 6 U/UTP Sold Cable Patch Cord Assembly, LS0H, Purple - 20m (packing size: 5)
PCD-00469-0P	Consult Molex	PowerCat 6 U/UTP Sold Cable Patch Cord Assembly, LS0H, Purple - 30m (packing size: 5)
PCD-00470-0P	Consult Molex	PowerCat 6 U/UTP Sold Cable Patch Cord Assembly, LS0H, Purple - 40m (packing size: 1)
PCD-00471-0P	Consult Molex	PowerCat 6 U/UTP Sold Cable Patch Cord Assembly, LS0H, Purple - 50m (packing size: 1)
PCD-00472-0P	Consult Molex	PowerCat 6 U/UTP Sold Cable Patch Cord Assembly, LS0H, Purple - 60m (packing size: 1)

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This information is correct at the time of publication, specifications are subject to change