



**Features and Benefits**

The Molex PowerCat 10G Shielded patch Cords are key components of the PowerCat 10G shielded channel compliant system. Manufactured using high quality shielded four pair Category 6 stranded cable. Available in a range of colours and lengths, PowerCat 10G Shielded patch cords are pre-terminated with RJ45 shielded plugs and feature cable strain relief boots with a plug latch protection cap.

Suitable for high speed data transmission, PowerCat 10G Shielded patch cords have been designed to exceed the highest electrical performance standards in the industry and have been independently tested and verified by ETL SEMKO for Category 6 component compliance.

Molex recommend that the full range of PowerCat 10G Shielded products are used in a system to maximise cabling performance. The System has been independently verified by Intertek ETL SEMKO as compliant with ISO/IEC TR24570 and TIA/EIA TSB-155 technical reports for the support of 10G BASE-T Channels and Permanent Links.

- Shielded 4 pair stranded cable
- Pre-terminated with WE8W shielded plugs
- Strain relief boots
- Independently tested
- 10G Channel performance when installed as a complete PowerCat 10G Shielded System
- RoHS Compliant

**Compliant With**

*Category 6:*

TIA/EIA 568B-2-1, FCC Subpart F68.5, ISO 60603-7, ISO 11801:2002, EN 50173:2002

*10G Base-T:*

TIA/EIA TSB-155  
ISO/IEC 24570

**Technical Information**

**Technical Characteristics - Cable**

Conductor size: 26 AWG stranded bare copper  
Screen Material: Aluminium/polyester shield with tinned copper drain wire  
Max O.D.: 6.0mm  
Jacket: PVC  
Temperature range: -20°C to +60°C

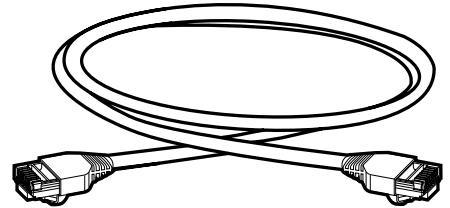
**Mechanical Characteristics - Plug**

Operating life: Minimum 750 insertion cycles  
Contact material: Copper alloy  
Contact plating: 1.25 micrometres Au/Ni

Plug dimensions & tolerances compliant with FCC Part 68 and IEC 60603-7

**Electrical Characteristics - Plug**

Max voltage: 150 VAC (max)  
Max current: 1.5A @ 25°C  
Operating temperature: -40°C to 85°C



**ORDERING INFORMATION**

Order No.	Description
PCD-00304-0*	PowerCat 10G Patch Cord 568A/B PVC Shielded - 0.5m
PCD-00305-0*	PowerCat 10G Patch Cord 568A/B PVC Shielded - 1m
PCD-00306-0*	PowerCat 10G Patch Cord 568A/B PVC Shielded - 1.5m
PCD-00307-0*	PowerCat 10G Patch Cord 568A/B PVC Shielded - 2m
PCD-00308-0*	PowerCat 10G Patch Cord 568A/B PVC Shielded - 2.5m
PCD-00309-0*	PowerCat 10G Patch Cord 568A/B PVC Shielded - 3m
PCD-00310-0*	PowerCat 10G Patch Cord 568A/B PVC Shielded - 3.5m
PCD-00311-0*	PowerCat 10G Patch Cord 568A/B PVC Shielded - 4m
PCD-00312-0*	PowerCat 10G Patch Cord 568A/B PVC Shielded - 5m
PCD-00313-0*	PowerCat 10G Patch Cord 568A/B PVC Shielded - 6m
PCD-00314-0*	PowerCat 10G Patch Cord 568A/B PVC Shielded - 7m
PCD-00315-0*	PowerCat 10G Patch Cord 568A/B PVC Shielded - 8m
PCD-00316-0*	PowerCat 10G Patch Cord 568A/B PVC Shielded - 9m
PCD-00317-0*	PowerCat 10G Patch Cord 568A/B PVC Shielded - 10m

\* Colour Options: C=Red, E=Grey, H=Blue, J=Green, K=Yellow



**MOLEX PREMISE NETWORKS**

**Corporate Headquarters**  
Tel: 1-866-733-6659  
www.molexpn.com

**European Headquarters**  
Tel: 44 (0) 1489 527111  
www.molexpn.co.uk

**Pac Rim Headquarters**  
Tel: 61 3 9971 7111  
www.molexpn.com.au