

# PowerCat 6A Shielded Patch Cord PVC

**molex**

**The Molex PowerCat 6A shielded patch cords are key components of the PowerCat 6A end-to-end solution.**

The Patch Cords are designed to support high speed 10GBASE-T networks and are backward compatible with 10/100/1000BASE-T networks. The shielded patch cable is manufactured from high quality four pair 26 AWG stranded copper wire, with a foil shield and tinned, copper drain wire, enclosed in a PVC sheath. Available in a range of colors and lengths, PowerCat 6A patch cords are pre-terminated with RJ45 plugs and feature anti-snap slim strain relief slip on boots.



## Features and Advantages

4 pair 26 AWG stranded wire

Pre-terminated with WE8W shielded plugs

Slim clear anti-snap slip on boots

Suitable for EIA 568A or 568B wiring applications

PVC sheath

10G Performance when installed as a complete PowerCat 6A System

RoHS Compliant

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## Specifications

### REFERENCE INFORMATION

Commercial Standards:

ISO/IEC 11801 2nd Ed and Class EA

TIA-568-C.2 Cat 6A

UL 1863

CSA C2.2

Environmental Standards:

RoHS compliant

Fire Propagation Tests:

UL 444

CM

### MECHANICAL

#### Cable

Conductor Size: 26 AWG stranded copper wire

Screen Material: Aluminium/polyester shield  
with tinned copper drain wire

Nom. O.D.: 0.225 inch

Sheath: PVC

Bend Radius: 8 x O.D.

Operating Temperature: -20°C to 60°C

#### Plug

Minimum operating life: 750 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

## Ordering Information

Series No.	SAP No	Description
PCD-70203-**	Contact Molex	PowerCat 6A Shielded Patch Cord PVC 3FT
PCD-70205**	Contact Molex	PowerCat 6A Shielded Patch Cord PVC 5FT
PCD-70207-**	Contact Molex	PowerCat 6A Shielded Patch Cord PVC 7FT
PCD-70210-**	Contact Molex	PowerCat 6A Shielded Patch Cord PVC 10FT
Other lengths are available contact Molex		

\*\*= Colors : 0C=Red, 0E=Grey, 0H=Blue, 0J=Green, 0K=Yellow, 0W=White, 0P=Purple, 0N=Orange, BK=Black

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