

## FEATURES AND SPECIFICATIONS

**molex**

## Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 5e, LSOH

### Features and Benefits

Molex PowerCat 5e Shielded Patch Cords are key components of the PowerCat 5e shielded end-to-end solution. Molex PowerCat 5e Patch Cords are designed to support high speed networks. The patch cable is made from high quality four pair 26 AWG stranded copper wire. Available in a range of colours and lengths, PowerCat 5e patch cords are pre-terminated with RJ45 plugs and feature anti-snap slim strain relief slip on boots.

- 4 pair 26 AWG stranded copper wire
- Pre-terminated with RJ45 plugs
- Slim clear anti-snap slip on boots
- Suitable for EIA 568A or 568B wiring
- LSOH sheath
- RoHS Compliant

### Commerical Standards

ISO/IEC 11801 2nd Ed Amd 1 Class D  
TIA-568-C.2 Cat. 5e, EN50173 Cat.5e

### Pending Approvals

UL 1863; CSA C22.2

### Fire Propagation Tests

IEC 60332-1, IEC 61034-2,  
IEC-60754-1, IEC-60754-2

### Technical Information

#### Mechanical Characteristics - Cable

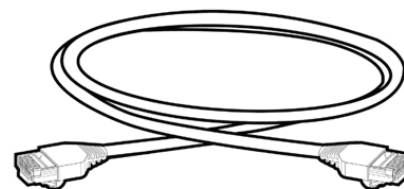
Conductor size: 26 AWG stranded copper wire  
Screen material: Aluminum/polyester shield with tinned copper drain wire  
Nom. O.D.: max 5.5mm  
Sheath: Low Smoke Zero Halogen (LSOH)  
Bend radius: 8X O.D.  
Operating temperature range: -20°C to 60°C

#### Mechanical Characteristics - Plug

MIN operating life: 750 insertion cycles  
RJ45 plug material: Clearpolycarbonate (PC)  
Boot material: Clear polyvinylchloride (PVC)  
Contact material: 0.35mm thick copper  
Contact plating: 1.27um gold  
RJ45 plug dimensions compliant with:  
ISO/IEC 60603-7 and  
FCC 47 Part 68

#### Electrical Characteristics

Max voltage: 150 VAC (max)  
Max current: 1.5A @ 25°C



## ORDERING INFORMATION

Order No.	Description
PCD-03001-*	Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 5e, LSOH 1m
PCD-03003-*	Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 5e, LSOH 2m
PCD-03005-*	Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 5e, LSOH 3m
PCD-03009-*	Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 5e, LSOH 5m
PCD-03013-*	Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 5e, LSOH 7m
PCD-03019-*	Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 5e, LSOH 10m

Insert color code in place of \* in part number when ordering Patch Cords:  
0C=Red, 0E=Grey, 0H=Blue, 0J=Green, 0K=Yellow

### MOLEX PREMISE NETWORKS

**Americas**  
Tel: 630 969 4550  
www.molexpn.com

**EMEA**  
Tel: 44 (0)2392 205800  
www.molexpn.co.uk

**APAC**  
Tel: 61 3 9971 7111  
www.molexpn.com.au