

## Features summary

Molex Premise Networks' Locking Patch Cords complement the PowerCat 6A shielded end-to-end solution. Molex PowerCat 6A Patch Cords are designed to support high-speed networks including 10GBASE-T and 1000BASE-T.

The patch cables are equipped with RJ45 connectors protected by a locking mechanism. Once the patch cord is connected, it cannot be removed without the use of the specially designed key. This solution prevents unauthorised changes in patch cable connections within the telecommunication outlet zone or patching zone. It also allows for the protection of strategic connections within the system.

The patch cable is made from high quality four pair S/FTP shielded 26 AWG stranded copper wire available in grey only. Six standard lengths are offered: 1m, 2m, 3m, 5m, 7m and 10m.

Please note that the patch cords are supplied without keys. Keys are available in packs of 5.

- Patch cords are equipped with RJ45 connectors protected by a lock
- 4-Pair 26AWG shielded S/FTP cord with LS0H outer sheath
- Slim clear anti-snag slip on boots
- 568B wiring
- LS0H sheath
- RoHS Compliant

## Commercial Standards

ISO/IEC 11801 2nd Ed Amd.1 Class EA, IEC 60332-1, IEC 61034-2, IEC-60754-1, IEC-60754-1

## Technical Information

### Mechanical characteristics

#### Cable

Conductor size: 26 AWG stranded copper wire  
 Screen material of pair: Aluminum/polyester shield  
 Screen material of cable: braid made of 0,08 mm wires  
 Nom. O.D.: max 6.1mm  
 Sheath: Low Smoke Zero Halogen (IEC 60332-1,)  
 Bend radius: 8X O.D.  
 Operating temperature range: -20°C to 60°C

#### Plug

MIN operating life: 750 insertion cycles  
 RJ45 plug material: Clear polycarbonate (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/Optical Characteristics

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



## ORDERING INFORMATION

Order No.	Description
PCD-07069-0E	Locking Patch cord RJ45-RJ45, 568B, S/FTP, Stranded, PowerCat 6A, LS0H 1 m Grey
PCD-07071-0E	Locking Patch cord RJ45-RJ45, 568B, S/FTP, Stranded, PowerCat 6A, LS0H 2m, Grey
PCD-07073-0E	Locking Patch cord RJ45-RJ45, 568B, S/FTP, Stranded, PowerCat 6A, LS0H 3m, Grey
PCD-07077-0E	Locking Patch cord RJ45-RJ45, 568B, S/FTP, Stranded, PowerCat 6A, LS0H 5m, Grey
PCD-07079-0E	Locking Patch cord RJ45-RJ45, 568B, S/FTP, Stranded, PowerCat 6A, LS0H 7m, Grey
PCD-07082-0E	Locking Patch cord RJ45-RJ45, 568B, S/FTP, Stranded, PowerCat 6A, LS0H 10m, Grey
PCD-07083	Pack of 5 Keys for Locking Patch Cords

## MOLEX PREMISE NETWORKS

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