Features and Benefits
Molex PowerCat 6 Shielded Patch Cords are key components of the PowerCat 6 shielded end-to-end solution. Molex PowerCat 6 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 6 patch cords are preterminated with RJ45 plugs and feature anti-snag slim strain relief slip on boots.

- 4 pair 26 AWG stranded copper wire
- Pre-terminated with RJ45 plugs
- Slim clear anti-snag slip on boots
- Suitable for EIA 568A or 568B wiring
- LS0H sheath
- RoHS Compliant

Commercial Standards
ISO/IEC 11801 2nd Ed Amd 1 Class E, TIA-568-C.2 Cat. 6, EN50173 Cat.6

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 6.3mm
- Sheath: Low Smoke Zero Halogen (LS0H)
- 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: 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 Characteristics
- Max voltage: 150 VAC (max)
- Max current: 1.5A @ 25°C

Ordering Information

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>PCD-04001-**</td>
<td>Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 6, LS0H, 1m</td>
</tr>
<tr>
<td>PCD-04003-**</td>
<td>Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 6, LS0H, 2m</td>
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<td>PCD-04005-**</td>
<td>Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 6, LS0H, 3m</td>
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<td>PCD-04009-**</td>
<td>Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 6, LS0H, 5m</td>
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<tr>
<td>PCD-04013-**</td>
<td>Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 6, LS0H, 7m</td>
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<tr>
<td>PCD-04019-**</td>
<td>Patch cord RJ45, 568B, F/UTP, Stranded, PowerCat 6, LS0H, 10m</td>
</tr>
</tbody>
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Insert color code in place of * in part number when ordering Patch Cords:
0C=Red, 0E=Grey, 0H=Blue, 0J=Green, 0K=Yellow