Fibre Optic Products

Section 4

Fibre Optic Patch Leads

OM4 50μm Multi-mode Duplex Fibre Leads

What is OM4?
OM4 is a laser-optimized, high-bandwidth 50μm multimode cabled fibre defined in IEC (ISO/IEC 11801), EN 50173-1 and TIA/EIA 492AAD. OM4 provides higher bandwidth compared to OM3 when measured at 850nm.

FEATURES
• 100% Tested & Certified
• Test results are supplied with every lead
• Every patch lead is tested to below 0.3dB insertion loss
• Each patch lead is serialised for traceability and ISO compliance
• All patch leads are LSZH and patch cord is RoHS compliant
• Fibre connectors are machine polished for consistent quality
• Lifetime warranty

What is the benefit of OM4?
Higher bandwidth allows longer channel lengths for high speed applications and provides more head room for richer network design. Typical implementation of OM4 is for requirements between 300m and 550m at 10Gb/s or between 100m and 125m at 40Gb/s or 100Gb/s.

SPECIFICATIONS
• Fibre type: OM4 Bend insensitive
• Fibre diameter: 50μm
• Buffer diameter: 125μm
• Outer diameter: 2mm for LC, 3mm for SC
• Connector colour: Beige
• Fibre Colour: Pink

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<thead>
<tr>
<th>CONNECTORS</th>
<th>0.5M</th>
<th>1M</th>
<th>2M</th>
<th>3M</th>
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<tr>
<td>LC / LC</td>
<td>FL-LCLC50-0</td>
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OM3 50μm Multi-mode Duplex Fibre Leads

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• 100% Tested & Certified
• Test results are supplied with every lead
• Every patch lead is tested to below 0.3dB insertion loss
• Each patch lead is serialised for traceability and ISO compliance
• All patch leads are LSZH and patch cord is RoHS compliant
• Fibre connectors are machine polished for consistent quality
• Lifetime warranty

SPECIFICATIONS
• Fibre type: OM3 Bend insensitive
• Fibre diameter: 50μm
• Buffer diameter: 125μm
• Outer diameter: 2mm for LC, 3mm for SC
• Connector colour: Beige
• Fibre Colour: Aqua

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Fibres Optic Patch Leads Available on Request in Other Connector Combinations and Lengths

Custom Fibre Leads Available on Request in a Wide Range of Connectors and Lengths