OM3 optical fiber systems are the pinnacle of multimode fiber design. To utilise the new 10Gbs Ethernet protocols, an optical fiber system requires the use of either a full blown singlemode solution or OM3 50/125 multimode cable. The OM3 system allows for new VCSEL based hardware and old legacy LED’s to co-exist over your system. For the hard pressed IT manager an OM3 optical fiber solution will give a simple migration path through 1Gbs to 10Gbs and have security knowing the system they are installing today will give many years of solid, secure service to their network.

The OM3 pigtail utilises the best cable available along with the market leading SofeTEK connectors. Manufactured in SofeTEK ISO 9001 approved manufacturing facility these cables can be relied upon, even with in the most mission critical systems.

Optical fiber pigtails are essential when terminating cables within the splice enclosures. Purchasing pre-polished assemblies takes the risk of poor connector termination away from the project.

- ST/SC/FC/LC Connector types
- Full tracability & test certification supplied with each assembly
- All terminations are manufactured to exceed performance parameters set by industry standards
- 900µm tight buffered fiber optic cable
- Fast turn around of non-standard requirements
SofeTEK Optical Fiber Pigtails

OM3 Fiber Pigtail

Specifications

Patchcord Specification

Mechanical
Length: 1m ± 10mm
Other lengths available to order

Product Packaging
Each pigtail is packaged individually and individually identified for traceability, test certification is supplied for each assembly.

Optical fiber and cable performance

Attenuation (dB/km)
(850/1300) 2.8/0.8

Bandwidth (MHz.Km)
(850/1300) 1500/500

Connector Specification

Optical Performance (Multimode) Insertion loss: Max. 0.3 dB Typical 0.2 dB
Optical Performance (MT-RJ) Insertion loss: Max. 0.5 dB

Operating Temperature
-40°C to +85°C

Intermateability Optically and mechanically compatible with all equivalent connectors. Compliant with IEC 874-14.

For full information on the SofeTEK connectors used on the SofeTEK patch cords, please contact the address below for a connector data sheet.

Ordering Information

<table>
<thead>
<tr>
<th>Connectors End 1 ¹</th>
<th>Fiber Size</th>
<th>Cable Construction</th>
<th>Length (mts)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50</td>
<td>OM3</td>
<td>1</td>
</tr>
</tbody>
</table>

¹ Other connectors available on request.
² MT-RJ is only available in MiniZip.