OM3 optical fiber systems are the pinnacle of multimode fiber design. To utilise the new 10Gbs Ethernet protocols in an optical fiber system requires either a full blown singlemode solution or OM3 50/125 multimode fiber. The OM3 system allows for new VCSEL based hardware and old legacy LED based hardware 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 SofeTEK OM3 patch cord utilises the best cable available along with the market leading sofetek connectors. Manufactured in SofeTEK’s ISO 9001 approved manufacturing facility these cables can be relied upon, even with in the most mission critical systems.

SofeTEK has 15 years experience in manufacturing fiber optic cable assemblies. If you have a fiber network, no matter what the technology, SofeTEK can offer you a solution to your problem. Optical Fiber patch cords are a defining factor in ensuring your network performs to the highest level, with a SofeTEK patch cord you can be confident you are using the very best in cable, connectors and manufacturing.

Features

- Multimode & Singlemode applications
- ST/SC/FC/LC/E2000/MU Connector types
- Fast turn around of non-standard requirements
- Ultra polish & Angle polish options available all terminations are manufactured to exceed performance parameters set by industry standards
- Full traceability & test certification supplied with each assembly
SofeTEK Optical Fiber Connector
OM3 Optical Fiber Patch cord

Specifications

Patchcord Specification

Mechanical
Length: 1m to 10m ± 10mm
Other lengths available to order
Split Length (Duplex): 150mm ± 5mm

Product Packaging
Each patch cord is packaged individually and individually identified for traceability; test certification is supplied for each assembly.

Optical fibre and cable performance

- **Attenuation (dB/km)**
  - (850/1300) 2.8/0.8
- **Bandwidth (MHz.Km)**
  - (850/1300) 1500/500
- **Sheath colour**
  - Purple, Orange & Aqua
- **Strength Members**
  - Aramid strength members
- **Fire Performance**
  - LSZH for Internal/External Applications
  - Flame Resistance IEC 60332-1

Connector Specification

- **Optical Performance (Multimode)**
- **Optical Performance (MT-RJ)**
- **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 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</th>
<th>Connectors End 2</th>
<th>Fibre Size</th>
<th>Cable Configuration</th>
<th>Cable Colour</th>
<th>Length (mts)</th>
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</tbody>
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1. Other connectors available on request.
2. MT-RJ is only available in MiniZip.
3. Also available in Purple(PU), Orange(OR) & Aqua(AQ).