

## OM3 Fibre Pigtail

# OPTRONICS

### OM3 Fibre Pigtail

OM3 optical fibre systems are the pinnacle of multimode fibre design. To utilise the new 10Gbs Ethernet protocols, an optical fibre 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 fibre 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 Optronics connectors. Manufactured in Optronics ISO 9001 approved manufacturing facility these cables can be relied upon, even with in the most mission critical systems.

Optical fibre 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.

### Features

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

### 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 fibre 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)

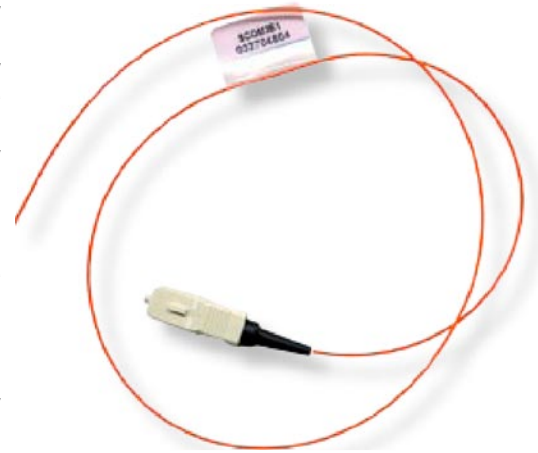
Insertion loss: Max. 0.5 dB

##### 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 Optronics connectors used on the FibreFab patch cords, please contact the address below for a connector data sheet.



### Ordering Information

| Connectors End 1 <sup>1</sup> | Fibre Size | Cable Construction | Length (mts) |
|-------------------------------|------------|--------------------|--------------|
| [ ]                           | 50         | OM3                | 1            |

- FC
- FC/APC
- SC
- SC/APC
- ST
- LC
- MT-RJ
- MU
- E2000
- LX-5

<sup>1</sup> Other connectors available on request.

<sup>2</sup> MT-RJ is only available in MiniZip..