

1m Fibre Optic Cable Assembly, Connector A: SC, Connector B: LC, Single Mode OS1

RS Stock No.135-632



Optical Fibre patchcords are a defining factor in ensuring your network performs to the highest level.

A patchcord can be split into three key components;
 the connector
 the cable
 the manufacturing process.

These three areas all contribute to the performance of a patchcord, but it is the manufacturing process that defines the performance of the assembly. Whilst the cable and connectors used in FibreFab optical fibre

patchcords are the best available, it is our expertise in production that sets our products apart.

FibreFab has 15 years experience in manufacturing fibre optic cable assemblies from using Biconic and SMA through to ST, SC to today's Small Form Factor (SFF) connectors like the LC, MU or MT-RJ. If you have a fibre network, no matter what the technology, FibreFab can offer you a solution.

- **Multimode & Singlemode applications ST/SC/FC/LC/E2000/MU Connector types**
- **Ultra polish & Angle polish options available all terminations are manufactured to exceed performance parameters set by industry standards**
- **Tyco AMP approved UK manufacturing facility**
- **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 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)

(1310/1550) 0.38/0.24

Sheath colour

Yellow

Strength Members

Aramid strength members

Fire Performance

LSZH for Internal/External Applications
Flame Resistance IEC 60332-1

Connector Specification

Optical Performance (Singlemode)

Insertion loss: Max. 0.3 dB Typical 0.2 dB
Return Loss: UPC > 50dB, APC >60dB

Optical Performance (MT-RJ)

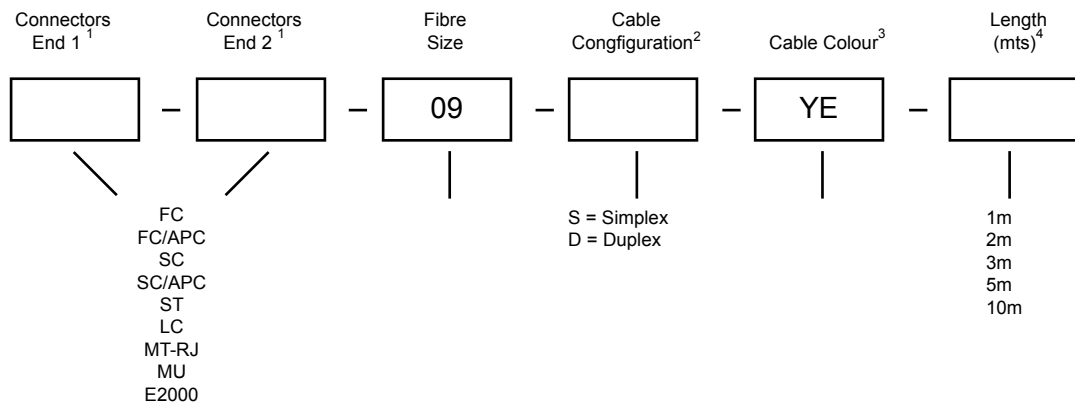
Insertion loss: Max. 0.5 dB

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.



¹ Other connectors available on request.
² Singlemode cable only available in Yellow
³ MT-RJ is only available in MiniZip