9/125 (OS1) Optical Fiber Patchcords

Optical Fiber 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.

- **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**
- **Fast turn around of non-standard requirements**
- **Full tracability & test certification supplied with each assembly**
- **900μm tight buffered fiber optic cable**

Whilst the cable and connectors used in our optical fiber patchcords are the best available, it is our expertise in production that sets our products apart.
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 fiber 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 SofeTEK connectors used on the SofeTEK patch cords, please contact the
address below for a connector data sheet.

Connectors

End 1

Connectors

End 2

Fiber

Size

09

Cable

Configuration

S = Simplex
D = Duplex

Cable Colour

YE

Length

(mts)

1m
2m
3m
5m
10m

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