50/125 (OM2) 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. Whilst the cable and connectors used in Sofetek optical fiber patchcords are the best available, it is our expertise in production that sets our products apart. Sofetek has 15 years experience in manufacturing fiber 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 fiber network, no matter what the technology, Sofetek 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
- Fast turn around of non-standard requirements
- Full tracability & test certification supplied with each assembly
- 900µm tight buffered fiber optic cable
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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)
(850/1300) 2.8/0.8

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

Sheath colour
Orange

Strength Members
Aramid strength members

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

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:

Connectors end 1 — Connectors end 2 — Fiber size — Cable configuration — Cable colour — Length (m)

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

50

1
S = Simplex
D = Duplex

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