

Bend Insensitive Patchcords



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Leader Optec's range of patchcords have developed from standard multimode fibre to high performance single mode patchcords. We now offer patchcords that have a higher tolerance for bending so can withstand a bend radius down to 7.5mm rather than the standard 30mm. Singlemode Fibre This low bend radius singlemode fibre is fully compatible with conventional singlemode fibre and is of ideal use in FTTx applications or networks that have limited space.

Minimum bend radius	15 mm
Core diameter	8.6 ± 0.4µm
Cladding diameter	125 ± 0.5µm
Attenuation	
@ 1310 nm	≤0.4 dBkm
@ 1550 nm	≤0.25 dBkm
Chromatic dispersion @ 1550 nm	18 ps/nm - km

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Specifications

Mechanical

Length: 1.5m ± 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.

*** Connector Specification**

Optical Performance

(Singlemode) ~Insertion loss: Max. 0.3 dB, Typical 0.2 dB;

Return loss: UPC > 50dB, APC >60Db

(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

Intermate ability

Optically and mechanically compatible with all equivalent connectors. Compliant with IEC 874 -14.

