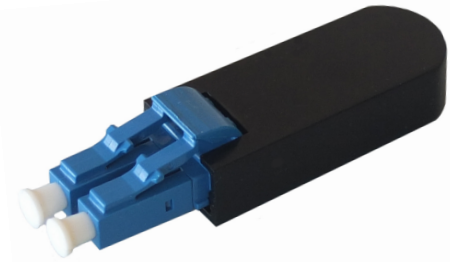


Loopback Q-Fiber

Description

Loopback Q-Fiber is a high class optical technology product looping fibre optic signal. It's used for testing and renovating the network. The feedback signal is used for network fault diagnostics. Loopback patch cords are custom made, available in SM and MM versions and various types of connectors. We offer connectors SC, FC, LC and E2000. Our fibre cables for loopback provide a compact structure and it's according to Fast Ethernet, Fibre Channel, Gigabit Ethernet.



Application

Telecommunications, CATV, Monitoring, Industry, Sieci LAN, MAN, WAN, FTTx, measuring applications.

Properties

- >> Compact housing,
- >> Cable diameters 0,9mm, 2,0mm, 2,8mm,
- >> Connectors SC, FC, LC, E2000 and others
- >> Low insertion loss,
- >> High reflectance,
- >> LSOH cables,
- >> Ceramic connector ferrule (thermoplastic/thermosetting for MTRJ and MPO)
- >> Compliance with the following standards: ZN-05/TP SA-044, ZN-96/TPSA-07, IEC 61754, IEC 61755,
- >> RoHS Compliance.

Polishing standards

- >> FLAT
- >> PC
- >> UPC
- >> APC 8°
- >> APC 9°

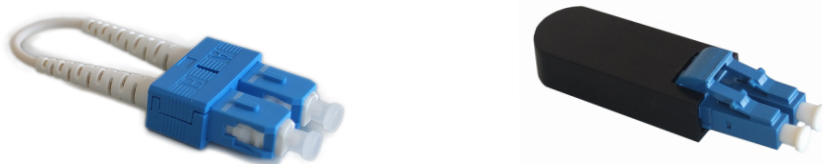
Parameters of connectors

	Ceramic ferrule (SC, ST, FC, LC, MU, E2000, DIN)					
	MM/PC		SM/PC		SM/APC	
	Standard	Premium	Standard	Premium	Standard	Premium
Maximum insertion loss [dB]	≤ 0,6 (grade B _M)	≤ 0,25 (grade B)	≤ 0,5 (grade C)	≤ 0,25 (grade B)	≤ 0,5 (grade C)	≤ 0,25 (grade B)
Typical insertion [dB]	≤ 0,35 (grade B _M)	≤ 0,12 (grade B)	≤ 0,25 (grade C)	≤ 0,12 (grade B)	≤ 0,25 (grade C)	≤ 0,12 (grade B)
Reflection [dB]	≥ 20 (grade 2 _M)	≥ 26 (grade 4)	≥ 45 (grade 2)	≥ 45 (grade 2)	≥ 65 (grade 1)	≥ 65 (grade 1)
Radius of curvature [mm]	5 ± 30 (grade D)	5 ± 30 (grade C)	5 ± 30 (grade C)	7 ± 25 (grade B)	5 ± 12 (grade C)	5 ± 12 (grade B)
Apex offset [µm]	0 ± 50 (grade D)	0 ± 30 (grade C)	0 ± 50 (grade C)	0 ± 50 (grade B)	0 ± 50 (grade C)	0 ± 50 (grade B)
Maximum angle error [°]	0,6 (grade D)	0,3 (grade C)	0,3 (grade C)	0,2 (grade B)	0,3 (grade C)	0,2 (grade B)
Fiber height [nm]	-100±A** (grade D)	-100±A** (grade C)	-100±A** (grade C)	-60±A** (grade B)	-100±A** (grade C)	-60±A** (grade B)

*negative value indicates the extension of a fibre

**calculated from the formula based on other geometric parameters, see technical requirements at www.dllpartners.de

Photos



How to order

LOC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cable diameter: 09=0,9 mm 18=1,8 mm 24=2,4 mm 28=2,8 mm X=Other	Cable type: S2=SM G.652D S7=SM G657a B3=SM G657.B3 M1=MM 62 OM1 M2=MM 50 OM2 M3=MM 50 OM3 M4=MM 50 OM4	Connector: S=SC T=ST F=FC L=LC E=E2000 M=MU D=DIN	Polishing standards: F=Flat P=PC U=UPC A8=APC 8° A9=APC 9°	Length: 0001=0,1 m : 0010=1 m :	