

Q-Fiber Splitter PLC

Description

Q-Fiber Splitter PLC is a passive device that splits the optical power carried by an input (inputs) fiber into output fibers. It is ideal for sharing signal transmitters or bringing signal to multiple points. It is characterized by a configurable power-sharing in the production process. This means that the splitter can be configured in accordance with the customer's requirements. The splitter can be terminated in any different type of connector.

Application

Telecommunication, CATV, Monitoring, Industry, LAN, MAN, WAN, FTTx, PON.

Properties

- » Packaging: LGX, ODF 19", ABS
- » Various lengths of pigtails: 0.5 - 2 m
- » Description of outputs / inputs
- » Types of connectors: SC, ST, E2000, FC, LC, MU, other
- » Polishing standards: PC, UPC, APC 8°
- » Band: 1260 nm - 1650 nm
- » A 3-year warranty



Parameters

	1x2	1x4	1x8	1x16	1x32	1x64	2x2	2x4	2x8	2x16	2x32
Operation Wavelength Range (nm)	1260 - 1650										
Core Type	SMF-28e										
Insertion Loss Max. (dB)	4.0	7.3	10.5	13.7	16.9	21.0	4.2	7.6	11.0	14.5	17.5
Loss Uniformity Max. (dB)	0.4	0.6	0.8	1.2	1.5	2.5	0.8	1.5	1.5	2.0	2.5
Return Loss (dB)	≥50	≥50	≥50	≥50	≥50	≥50	≥50	≥50	≥50	≥50	≥50
PDL Max. (dB)	0.2	0.2	0.3	0.3	0.3	0.4	0.2	0.2	0.3	0.4	0.4
Directivity (dB)	≥55	≥55	≥55	≥55	≥55	≥55	≥55	≥55	≥55	≥55	≥55
Wavelength Dependent Loss (dB)	0.3	0.3	0.3	0.5	0.5	0.5	0.3	0.5	0.5	0.5	0.5
UniformityMax. (dB)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Operating Temperature (°C)	-40 to 80										
Storage Temperature (°C)	-40 to 80										
Packaging Dimension (mm) (LxWxH)	40x4x4	40x4x4	40x4x4	50x4x4	50x7x4	60x12x4	40x4x4	50x4x4	50x4x4	50x7x4	60x7x4
Module Dimension (mm) (LxWxH)	100x80x10	100x80x10	100x80x10	120x80x18	140x115x18	140x115x18	100x80x10	100x80x10	120x80x18	140x115x18	140x115x18
Mini-Module Dimension (mm) (LxWxH)	60x7x4	60x7x4	60x7x4	60x12x4	80x20x6	N/A	60x7x4	60x7x4	60x7x4	60x12x4	80x20x6

How to order

SPL.PLC	☐	☐	☐	☐	☐	☐	☐
Number of input ports: 1=1 2=2	Number of output ports: 02=2 04=4 08=8 : 64=64	Packaging: P=PLC M=Modul MM=MiniModul L=LGX O=ODF 19" A=ABS X=Other	Pigtail length: 05=0.5 m 10=1 m 20=2 m 00=Enclosure	Cable diameter: 09=0.9 mm 18=1.8 mm 20=2.0 mm 28=2.8 mm X=Other	Connector: 0=None S=SC T=ST F=FC L=LC E=E2000 X=Other	Polishing standards: 0=None P=PC U=UPC A8=APC 8°	

Information

- » Each product is custom-made
- » Each product is accompanied by a measurement protocol
- » All modules are sealed with a label guarantee