

1xN PLC Splitters – Bare Fiber Splitters

Features

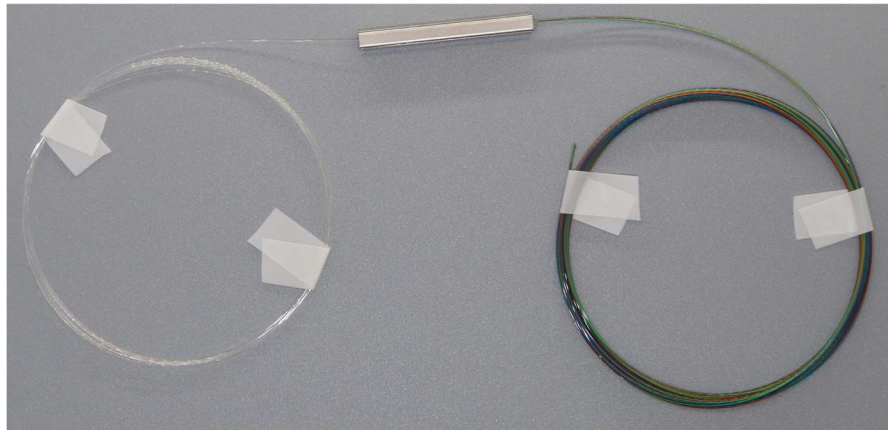
Variants from 1x2 to 1x32
 Easily Fits in Most Splice Trays
 Operating Window 1260-2625nm
 I-Temp: -40 ~ 85 °C
 Low Insertion Loss
 SMF-28 Ultra Fiber
 Low Cost and Flexible

Applications

FTTX Tap Architecture
 Telco and MSO Networks
 Passive Optical Networking
 Optical Network Monitoring

Overview

1xN PLC Splitters are designed to be used in the point to multipoint PON optical distribution networks and are easily deployed in pedestal, cabinet and splice enclosure environments for Telco and MSO Networks. PLC Splitters feature high quality, low insertion loss and high reliability. With splitter variants from 1x2 through 1x32 the 1xN PLC splitters offer the highest of flexibility for your network needs.



Technical Specifications

Parameters	1xN PLC Splitters	
Dimensions LxWxH (mm)	1x2	4x4x40
	1x4	4x4x40
	1x8	4x4x40
	1x16	4x5x45
	1x32	4x7x55
Polarization Dependent Loss (dB)	1x2, 1x4, 1x8 = 0.2	1x16, 1x32 = 0.3
Operating Wavelength (nm)	1260-1625	
Fiber Type	SMF-28 Ultra Fiber	
Fiber Tail Length (M)	2.5	
Connector Type	Stub Tail	
Return Loss (dB)	≥50	
Directivity (dB)	≥55	
Storage/Operating Temperature (°C)	-40 ~ 85	



Ordering Information			
Part Number	Description	Insertion Loss (dB)	Uniformity (dB)
PLO-PLC-12-25-0	1x2, PLC Splitter, Single Mode Fiber, 2.5M Pigtails, No Connector	3.7	0.6
PLO-PLC-14-25-0	1x4, PLC Splitter, Single Mode Fiber, 2.5M Pigtails, No Connector	7.0	0.6
PLO-PLC-18-25-0	1x8, PLC Splitter, Single Mode Fiber, 2.5M Pigtails, No Connector	10.4	1.0
PLO-PLC-116-25-0	1x16, PLC Splitter, Single Mode Fiber, 2.5M Pigtails, No Connector	13.5	1.1
PLO-PLC-132-25-0	1x32, PLC Splitter, Single Mode Fiber, 2.5M Pigtails, No Connector	17.0	1.5