

1XN PLC SPLITTERS: BARE FIBER SPLITTERS

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.

FEATURES

- Variants: 1x2 to 1x32
- Splice Tray Compatible
- Operating Window: 1260-1625nm
- I-Temp: -40 ~ 85 °C
- Low Insertion Loss
- SMF-28 Ultra Fiber

APPLICATIONS

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



TECHNICAL SPECIFICATIONS

DESCRIPTION	UNITS	SPECIFICATION	
DIMENSIONS: 1X2, 1X4, 1X8	mm	4 x 4 x 40	
DIMENSIONS: 1x16	mm	4 x 7 x 50	
DIMENSIONS: 1x32	mm	4 x 7 x 50	
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	Meters	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

NOTE: 1xN PLC SPLITTERS CAN BE ORDERED IN MULTIPLE CONFIGURATIONS. PLEASE CONTACT US FOR CONNECTOR OR SPLICE TRAY APPLICATIONS.