

PLC5 Series

1xN PLC Splitter

FTTx

MDU

PON

Utility/Municipality



PLC5116NA1M

1xN Planar Light wave Circuit (PLC) Splitters are based on the Plasma Chemical Vapor Deposition (P-CVD) technology for providing stable optical performance characteristics. The PLC splitter features guaranteed performance specifications and high reliability that surpass Telcordia requirements and is suitable for many singlemode optical splitting applications.

KEY PRODUCT BENEFITS

- ▶ Low insertion loss and high maximum power tolerance
- ▶ Excellent splitting uniformity over broadband operating wavelengths
- ▶ Small rugged module packaging with 1 meter 250um legs
- ▶ G657A improved bend loss fiber
- ▶ Installations in extreme temperatures down to -40° C

INDUSTRY STANDARDS

- ▶ GR-326, GR-1209, GR-1221
- ▶ IEC 61300
- ▶ ITU-T G.657.A1

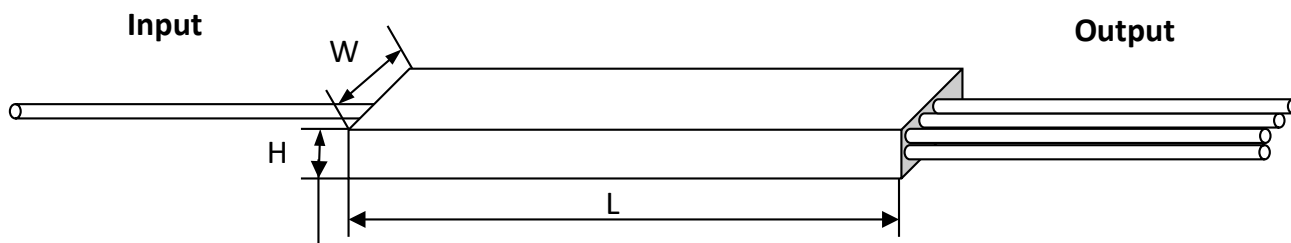


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PLC5 Series



	1x4	1x8	1x16
Module Dimensions	H4xW4xL40mm	H4xW4xL40mm	H4xW7xL50mm

Parameters	1x4	1x8	1x16
Operating Wavelength	1260nm ~ 1650nm		
Insertion Loss, Max.	7.3 dB	10.5 dB	13.5 dB
Uniformity, Max.	0.6 dB	0.8 dB	1.2 dB
PDL, Max.	0.2 dB	0.2 dB	0.3 dB
WDL	0.3 dB	0.3 dB	0.5 dB
Return Loss, Min.	55 dB		
Directivity, Min.	55 dB		
Cable Type	G.657.A1 Fiber, 250um Input, 250um Output		
Cable Leg Length	1M (Standard)		
Operating Temperature	-40°C to +85°C Install, -55°C to +85°C Operational		
Compliance	IITU-T G.657.A1, GR-326, GR-1209, GR-1221		

ORDERING INFORMATION

Model #	Description	Standard Pkg.
PLC5104NA1M	PLC Splitter SM Bare Fiber 250um 1x4, 1M	
PLC5108NA1M	PLC Splitter SM Bare Fiber 250um 1x8, 1M	1 ea. 12" x 12" x 2" - 1 lbs.
PLC5116NA1M	PLC Splitter SM Bare Fiber 250um 1x16, 1M	