

PLCR Series

1xN PLC Splitter

CATV

LCP

FTTx Cabinets

Pedestals

Hubs

Closures



1xN Planar Light wave Circuit (PLC) Splitters are based on the Plasma Chemical Vapor Deposition (P-CVD) technology for providing stable optical performance characteristics. 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 fits mass fusion splice trays
- ▶ G657A improved bend loss fiber
- ▶ Installations in extreme temperatures down -40° C

STANDARDS COMPLIANCE

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

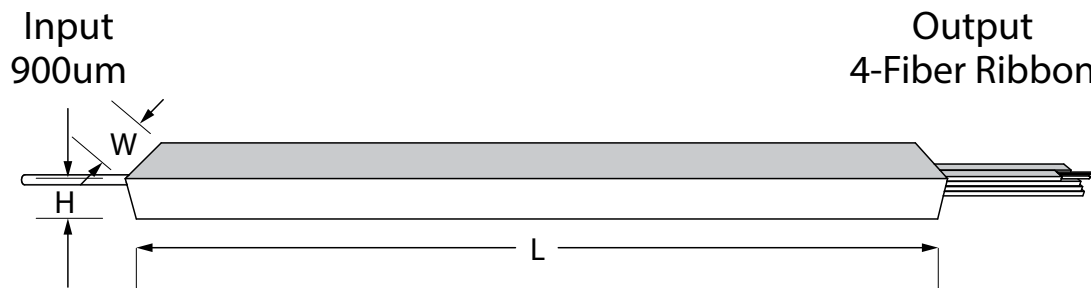


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PLCR Series



Parameters	1x4	1x8	1x16	1x32
Operating Wavelength	1260nm ~ 1650nm			
Insertion Loss, Max.	7.3 dB	10.5 dB	13.5 dB	16.7 dB
Uniformity, Max.	0.6 dB	0.8 dB	1.2 dB	1.5 dB
PDL, Max.	0.2 dB	0.2 dB	0.3 dB	0.3 dB
WDL	0.3 dB	0.3 dB	0.5 dB	0.5 dB
Return Loss, Min.	55 dB			
Directivity, Min.	55 dB			
Cable Type	G.657.A1 Fiber, 900um Input, 4 Fiber 250um Output			
Cable Leg Length	1M (Standard)			
Operating Temperature	-40°C to +85°C Install, -55°C to +85°C Operational			
Module Dimensions	4mm H x 4mm W x 40mm L		4mm H x 7mm W x 50mm L	
Compliance	ITU-T G.657.A1, GR-326, GR-1209, GR-1221			

ORDERING INFORMATION

Model #	Description	Standard Pkg.
PLCR104NA1M	PLC Splitter SM Bare Fiber Ribbon 1x4 1M	1 ea. 12" x 12" x 2" - 1 lbs.
PLCR108NA1M	PLC Splitter SM Bare Fiber Ribbon 1x8 1M	
PLCR116NA1M	PLC Splitter SM Bare Fiber Ribbon 1x16 1M	
PLCR132NA1M	PLC Splitter SM Bare Fiber Ribbon 1x32 1M	