

## PLCG3

### PLC G3 Splitter Module

Enterprise FTTD  
FTTP Cabinets, Pedestal,  
Hubs and Closures  
GPON



1x32 Planar Light wave Circuit (PLC) Splitters are based on the Plasma Chemical Vapor Deposition (P-CVD) technology for providing stable optical performance characteristics. This 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
- ▶ G657A improved bend loss fiber
- ▶ Installations in extreme temperatures down -40° C

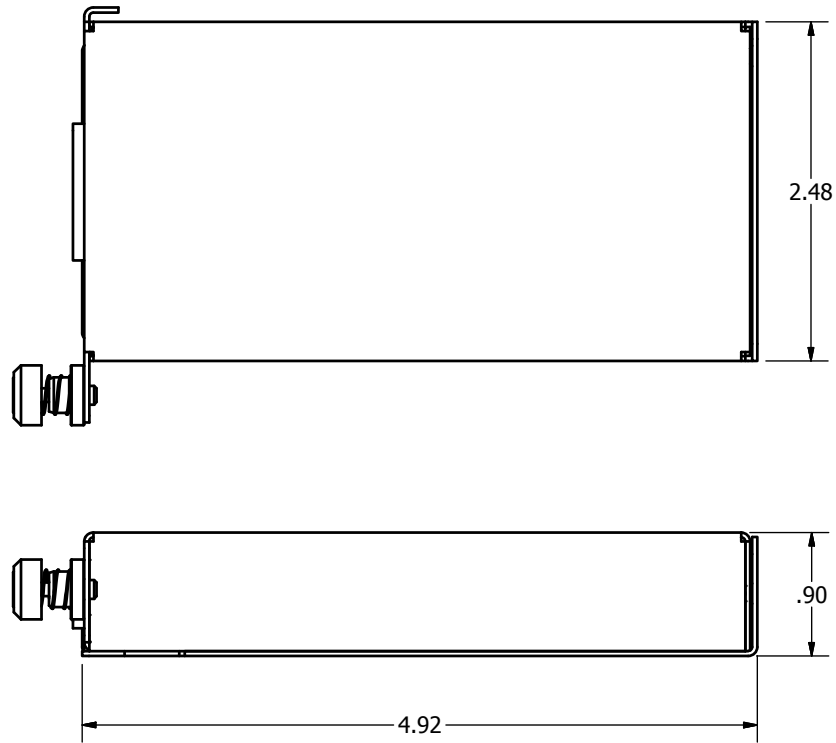
#### STANDARDS COMPLIANCE

- ▶ ITU-T G.657.A, ITU-T G.652.D, GR-326, GR-1209, GR-1221



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Dimensions are in Inches

Parameters*	1x4	1x8	1x16	1x32
Operating Wavelength	1260nm ~ 1650nm			
Insertion Loss, Max	7.5 dB	10.8 dB	13.5 dB	16.7 dB
Uniformity, Max	0.6 dB	0.8 dB	1.2 dB	1.5 dB
PDL, Max.	0.3 dB	0.3 dB	0.3 dB	0.3 dB
WDL	0.3 dB	0.3 dB	0.5 dB	0.5 dB
Return Loss, Min	50 dB UPC, 55 dB APC			
Directivity, Min	55 dB			
Cable Type	2.0 mm			
Cable Leg Length	72 Inches			
Operating Temperature	-40°C to +85°C Install, -55°C to +85°C Operational			
Module Dimensions	3.94" x 3.15" x 0.39" (100mm x 80mm x 10mm)			
Compliance	ITU-T G.657.A1, GR-326, GR-1209, GR-1221			

\*Parameter Performance values shown at room temperature, 1310/1550nm terminated

## ORDERING INFORMATION

Model No.	Description
<b>PLCG3104SA</b>	PLC G3 Splitter 1X4 SC-APC
<b>PLCG3108SA</b>	PLC G3 Splitter 1X8 SC-APC
<b>PLCG3116SA</b>	PLC G3 Splitter 1X16 SC-APC
<b>PLCG3132SA</b>	PLC G3 Splitter 1X32 SC-APC