

PLC Splitter (19-in Rack Mount) Module

CORNING

Features and Benefits

1 x 8/16/32/64 or two(1x32) Configurations

Low Insertion Loss

Low Input Polarization Sensitivity

High Uniformity

Customized Packaging Available

Corning introduces a new family of high performance PLC Splitter (19-in Rack Mount) Modules for today's high-port count applications that demand the best performance and the highest reliability under the most adverse of environments. Corning's PLC Splitter Modules deliver on all these requirements. The PLC Modules feature low insertion loss, low polarization dependent loss, and high port uniformity. The Splitter Modules are available in 8-, 16-, 32- and 64-channel or two (1x32) configurations with SC or LC connector. Our OEM-friendly packaging provides the flexibility to meet the broadest design requirements.

Standards

RoHS	Free of hazardous substances according to RoHS2011/65/EU
Design and Test Criteria	Product is compliant with Telcordia GR-1209-CORE and GR-1221-CORE



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Specifications

Parameters	1x8 Port	1x16 Port	1x32Port	1x64Port
	Maximum	Maximum	Maximum	Maximum
Operating Wavelength λ_c	1260-1650 nm			
Insertion Loss	11.5 dB	14.7 dB	18.3 dB	21 dB
Insertion Loss Uniformity	1.2 dB	1.7 dB	2.2 dB	2.5 dB
Polarization Dependent Loss	0.3 dB	0.4 dB	0.45 dB	0.45 dB
Directivity	> 55 dB			
Return Loss	> 50 dB			
Maximum Optical Power	300 MW			
Operating Temperature	- 5°C to +65°C			
Storage Temperature	- 40°C to +85°C			

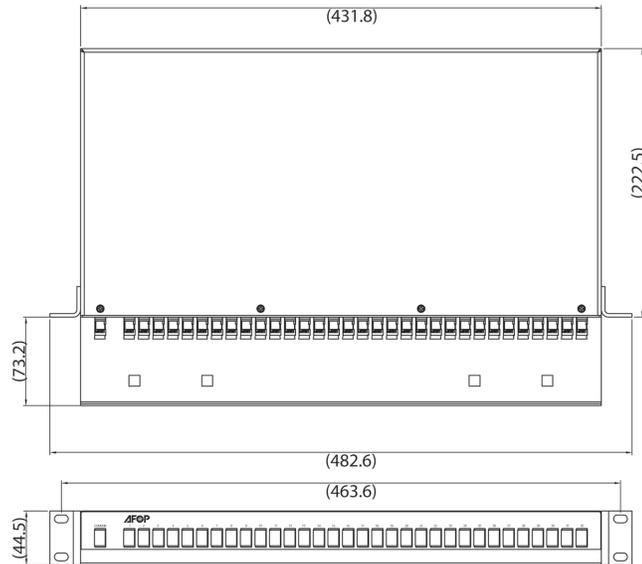
Shipping Package	
Packaging Dimensions	Fiber Type
Standard 1U 19-in Rack Mount	Fiber Type: Corning® SMF-28e®, 900 μ m

Part Number	Description
1LAN-PLS-A16LCA	1x16 PLC splitter, 19" rack, LC/APC, 900um
1LAN-PLS-B16LCA	2x16 PLC splitter, 19" rack, LC/APC, 900um
1LAN-PLS-A32LCA	1x32 PLC splitter, 19" rack, LC/APC, 900um
1LAN-PLS-B32LCA	2x32 PLC splitter, 19" rack, LC/APC, 900um
1LAN-PLS-A16SCA	1x16 PLC splitter, 19" rack, SC/APC, 900um
1LAN-PLS-B16SCA	2x16 PLC splitter, 19" rack, SC/APC, 900um
1LAN-PLS-A32SCA	1x32 PLC splitter, 19" rack, SC/APC, 900um
1LAN-PLS-B32SCA	2x32 PLC splitter, 19" rack, SC/APC, 900um

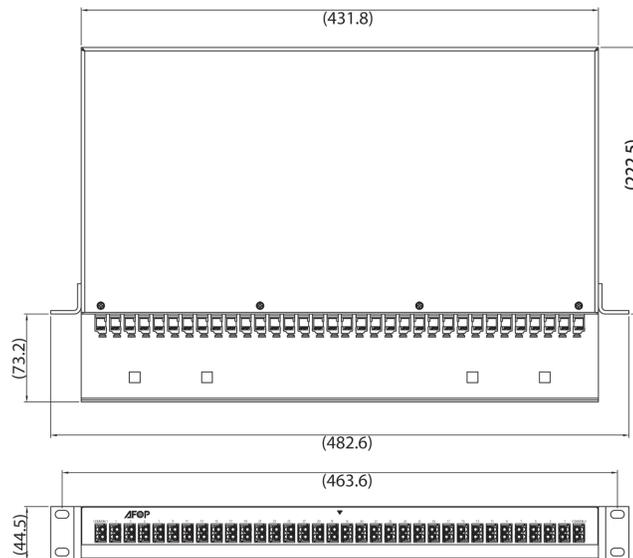
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MECHANICAL DRAWING OF 1x32 SC PLC SPLITTER (19-IN RACK MOUNT) MODULE



MECHANICAL DRAWING OF 1x32 LC PLC SPLITTER (19-IN RACK MOUNT) MODULE



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