

PLC Splitter (19-in Rack Mount) Module

CORNING

Features and Benefits

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

Low Insertion Loss

Low Input Polarization Sensitivity

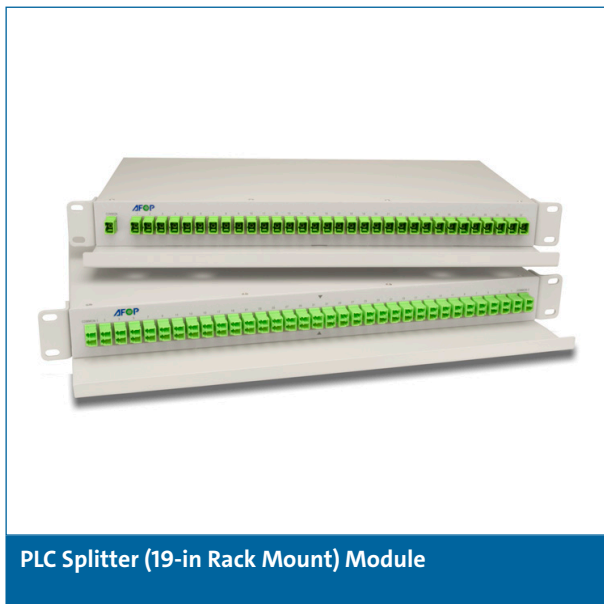
High Uniformity

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-, and 32-channel or two (1x32) channel 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



PLC Splitter (19-in Rack Mount) Module

CORNING

Specifications

Parameters	1x8 Port	1x16 Port	1x32Port
	Maximum	Maximum	Maximum
Operating Wavelength λ_c		1260-1650 nm	
Insertion Loss	11.5 dB	14.7 dB	18.3 dB
Insertion Loss Uniformity	1.2 dB	1.7 dB	2.2 dB
Polarization Dependent Loss	0.3 dB	0.4 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

Ordering Information

PLC Splitter (19-in Rack Mount) Module

P L S - 2 - 1 R

1
2
3
4

1 Select InPort Count

A: 1xN
 B: Two (1xN)
 C: Three (1xN)
 (N = OutPort Count)

2 Select OutPort Count

08: Ports 8
 16: Ports 16
 32: Ports 32

3 Select Connector

K: LC/APC
 L: LC/PC
 S: SC/PC
 T: SC/APC

4 Select Customization

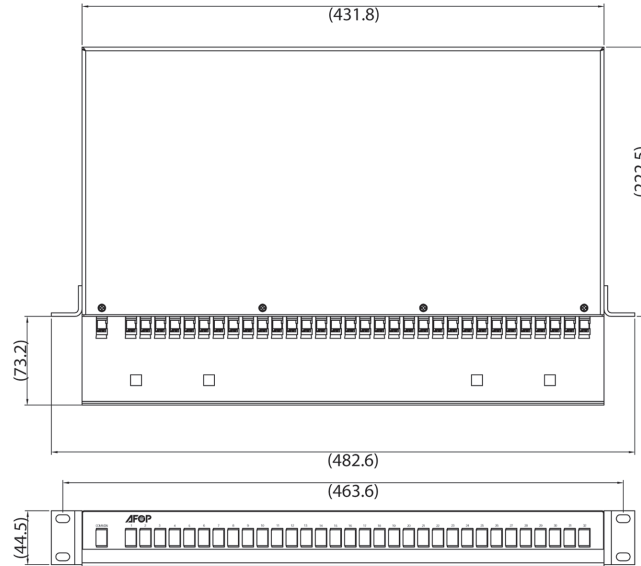
00: Standard
 Running number used for special types or custom made

These part numbers are specific to Corning Optical Communications OEM Solutions Business Unit. Contact OEM sales at +1-408-736-6900 or oemsales@corning.com and visit www.corning.com/opcomm/oem for sales support.

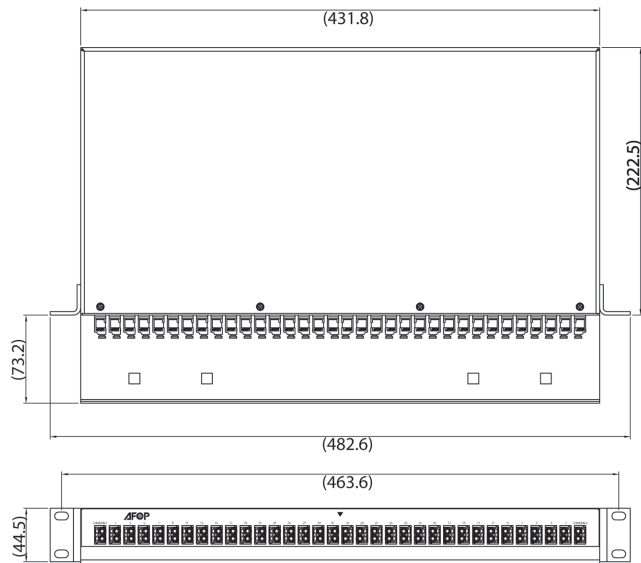
PLC Splitter (19-in Rack Mount) Module

CORNING

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



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



Corning Optical Communications LLC • PO Box 489 • Hickory, NC 28603-0489 USA

800-743-2675 • FAX: 828-325-5060 • International: +1-408-736-6900 • www.corning.com/opcomm/oem • Email: oemsales@corning.com

Corning Optical Communications reserves the right to improve, enhance, and modify the features and specifications of Corning Optical Communications products without prior notification. A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/trademarks. All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified.

© 2016 Corning Optical Communications. All rights reserved.

Spec Sheet CAH-106_AEN
Page 3 | Revision date 2016-11-04

CORNING