

QuickPath™ Splitter Module

CORNING

Features and Benefits

Compact and Lightweight Cassette Design

15 mm Bend Radius Bend-Insensitive Fiber SC/APC Pigtails

Rugged Construction

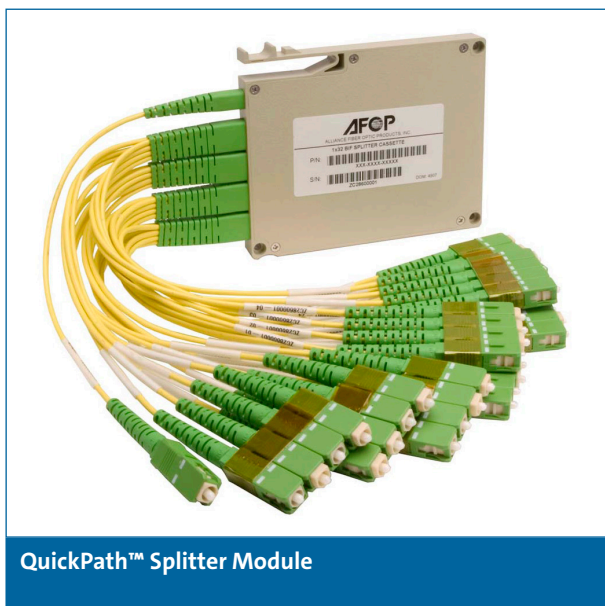
High Stability and Reliability

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

Corning's QuickPath Splitter Module is a new family of products designed to expand FTTH network functionality as well as cut installation time and costs in the field. This product line was designed to meet the needs of implementing PON networks in residential and MDU applications. QuickPath allows the provider to pick wall or rack mount boxes, or use the individual compact splitter modules in various existing FDH cabinets.

The Corning QuickPath splitter modules all use bend insensitive fiber (BIF) with a 15 mm bend radius to minimize loss. The QuickPath compact splitter modules come connectorized with FOC ITL approved SC/APC connectors and terminations on 2 mm BIF cables.



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Specifications

Parameters	1x4 Port	1x8 Port	1x16 Port	1x32 Port
	Maximum	Maximum	Maximum	Maximum
Operating Wavelength λ_c	1260-1650 nm			
Insertion Loss*	7.5 dB	10.7 dB	14.2 dB	17.0 dB
Insertion Loss Uniformity	1.0 dB	1.0 dB	1.5 dB	2.0 dB
Polarization Dependent Loss	0.1 dB	0.15 dB	0.25 dB	0.4 dB
Directivity	> 55 dB			
Return Loss	> 55 dB			
Maximum Optical Power	300 MW			
Operating Temperature	- 40°C to +85°C			
Storage Temperature	- 40°C to +85°C			
Storage Relative Humidity	20-90 (%RH)			

Note:

* Does not include connectors

Shipping Package		
Packaging Dimensions	Fiber Type	Pigtail Length
100 mm (L) x 80 mm (W) x 10 mm (H)	Fiber Type: BIF, 2 mm	1 m

Ordering Information

QuickPath™ Splitter Module

P L S - 4 - B C

1
2
3
4

1 Select InPort Count
 A: 1xN
 (N = OutPort Count)

2 Select OutPort Count
 04: Ports 4
 08: Ports 8
 16: Ports 16
 32: Ports 32

3 Select Connector
 T: SC/APC

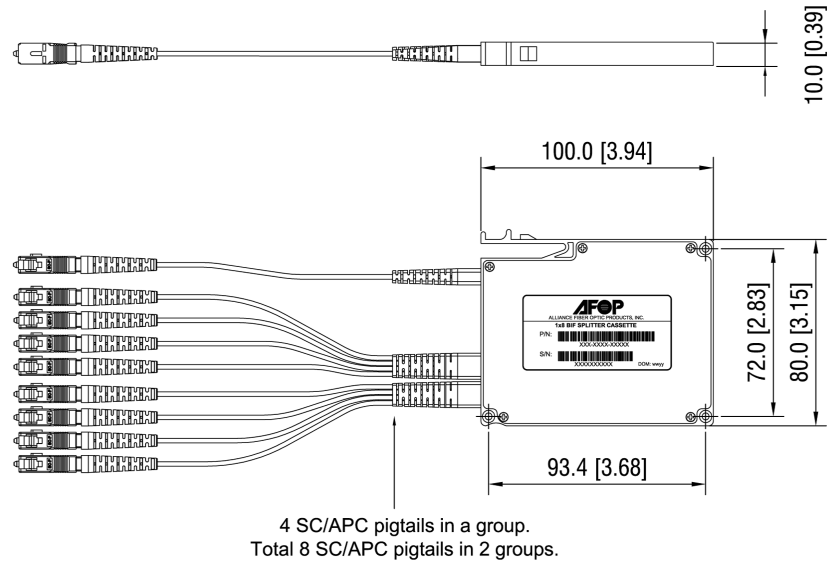
4 Select Customization
 000: Standard
 Running number used for
 special types or custom made

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.

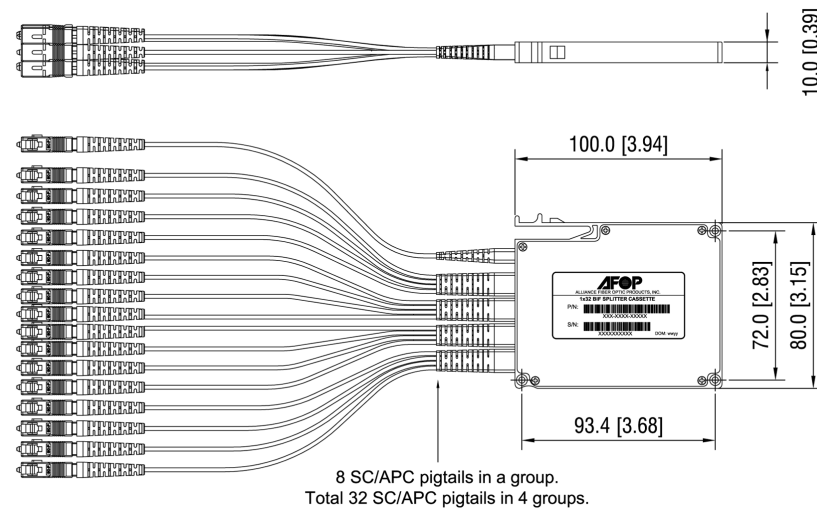
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Mechanical Drawing 1x8 Splitter Module



Mechanical Drawing 1x32 Splitter 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

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