

# Pluggable Blocking FWDM

CORNING

## Features and Benefits

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Bi-directional

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Low Insertion Loss

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Compact Dimension

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Thin Film Filter Technology

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Epoxy-Free Optical Path

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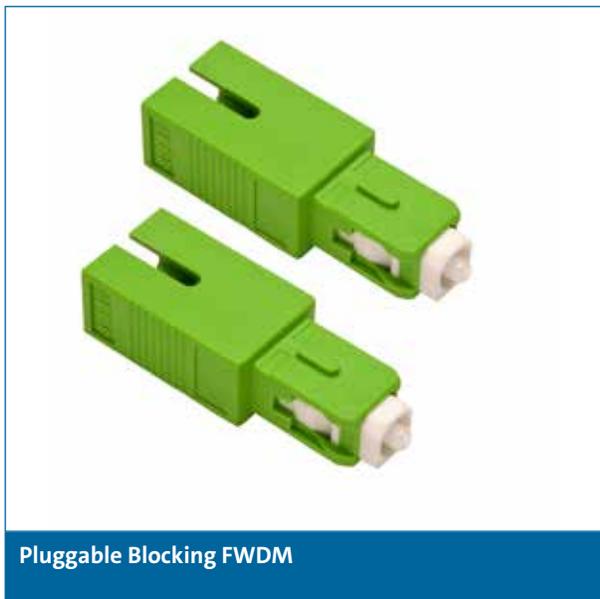
Ultra Stable and Highly Reliable

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Corning's Pluggable Blocking Filter WDM provides a solution for fiber to the home/premises (FTTx) and NG PON with low cost, high performance, and compact approach. The blocking filter can be easily installed on existing ONU equipment to block the nonsubscribed signals.

## Standards

<b>RoHS</b>	Free of hazardous substances according to RoHS2011/65/EU
<b>Design and Test Criteria</b>	Product is qualified to Telcordia GR-1209-CORE and GR-1221-CORE



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# Pluggable Blocking FWDM



## Specifications

Parameters	Minimum	Typical	Maximum
1310+1490+1550 Wavelength Range (PASS)	1290-1310, 1480-1550, and 1550-1560 nm		
1575 Wavelength Range (Blocked)	1574-1581 nm		
Pass Port Insertion Loss			0.8 dB
Pass Port Isolation over 1574-1581 nm	25 dB		
Return Loss for 1290-1330 and 1480-1500 nm	30 dB		
Return Loss for 1550-1560 nm	45 dB		
PDL			0.2 dB
PMD			0.2 ps
Maximum Optical Power		300 mW	
Operating Temperature Range		-5°C to +70°C	
Storage Temperature Range		-40°C to +85°C	
Tensile Load		5N Maximum	

## Shipping Package

Packaging Dimensions	Fiber Type
36 mm x 12.8 mm x 9.4 mm	Fiber Type: Corning® SMF-28e® or compatible

## Ordering Information

Pluggable Blocking FWDM

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***These part numbers are specific to Corning Optical Communications OEM Solutions Business Unit. Please contact OEM sales at +1-408-736-6900 or [oemsales@corning.com](mailto:oemsales@corning.com) and visit [www.corning.com/opcomm/oem](http://www.corning.com/opcomm/oem) for sales support.***



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