Filter WDMs (660 - H Series)



Features and Benefits

High Isolation	
Low Insertion Loss	
Bi-directional	
Completely Passive	
Epoxy-Free Optical Path	

Corning offers the 660 - H Series of filter WDM products which utilize high-performance thin film interference filters to provide exceptional bandpass performance. The filter WDM is a bi-directional component optimized for a variety of applications including erbium doped fiber amplifiers. Corning's products offer minimal insertion loss and high isolation. They also offer stable and reliable performance over a broad temperature range.

Standards

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



Filter WDMs (660 - H Series)



Specifications

Parameters			
Wavelength Range	1450-1490 nm or 1535-1580 nm		
Pass Channel Insertion Loss	< 0.6 dB		
Reflect Channel Insertion Loss	< 0.4 dB		
Pass Channel Isolation	> 30 dB		
Reflect Channel Isolation	> 12 dB		
Return Loss	> 45 dB		
Directivity	> 50 dB		
PDL	< 0.1 dB		
PMD	< 0.1 ps		
Maximum Optical Power	300 mW		
Operating Temperature Range	-5°C to +65°C		
Storage Temperature Range	-40°C to +85°C		
Tensile Load (900 μm Buffered)	5N Maximum		

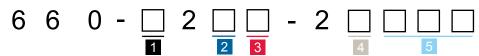
Shipping Package		
Packaging Dimensions	Fiber Type	Pigtail Length
38 mm x 5.0 Φmm (Not including boots)	Fiber Type: Corning® SMF-28e® or compatible	1 m (Standard)

Filter WDMs (660 - H Series)



Ordering Information

Filter WDMs (660 - H Series)



- Select Wavelength Range H: 1480/1550 nm
- 2 Select Mode 1: Short Pass/Long Reflect 2: Long Pass/Short Reflect
- 3 Select Pigtail Type
 0: 250 μm Tube
 1: 900 μm Tube
 2: 250 μm Box
 3: 900 μm Box

Select Connector*

A: None
L: LC/PC
P: FC/PC
Q: FC/APC
S: SC/PC
T: SC/APC
U: MU/PC

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

Note:

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 and visit www.corning.com/opcomm/oem for sales support.



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.



^{*} Specifications do not include connector loss.