

Filter WDMs (660 - E Series)

CORNING

Features and Benefits

High Isolation

Low Insertion Loss

Bi-directional

Completely Passive

Corning offers the 660 - E 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 on both 1310 and 1550 ports. 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



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Specifications

Parameters	
Wavelength Range	1260-1360 nm or 1500-1600 nm
Pass Channel Insertion Loss	< 1.0 dB
Reflect Channel Insertion Loss	< 1.0 dB
Pass Channel Isolation	> 40 dB
Reflect Channel Isolation	> 40 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	5N Maximum

Shipping Package		
Packaging Dimensions	Fiber Type	Pigtail Length
<52.5 mm x 4.6 Φ mm (Including boots)	Fiber Type: Corning® SMF-28e® or compatible	1 m (Standard)

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Ordering Information

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1 2 3 4 5

1 Select Wavelength Range
E: 1310/1550 nm

2 Select Mode
1: Short Pass/Long Reflect
2: Long Pass/Short Reflect

3 Select Pigtail Type
0: 250 μ m Tube
1: 900 μ m Tube
2: 250 μ m Box
3: 900 μ m Box

4 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:

* Specifications do not include connector loss.

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.



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Spec Sheet CAH-127_AEN

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