## Filter WDMs (660 - K Series)

### CORNING

#### **Features and Benefits**

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

**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

Corning offers the 660 - K 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.



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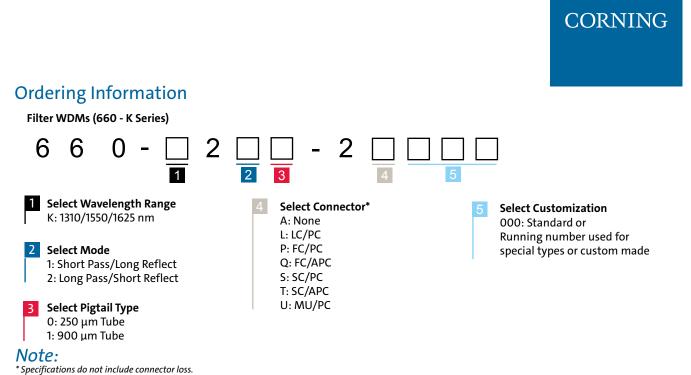
#### Specifications

Parameters		
Wavelength Range	1270-1350 nm and 1530-1570 nm or 1610-1680 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 <sup>®</sup> SMF-28e <sup>®</sup> or compatible	1 m (Standard)



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



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