

High Isolation OADM (100 GHz)

CORNING

Features and Benefits

High ADD/DROP Isolation
Excellent Residual Isolation at Dropped Channel
Bi-directional
High Directivity
Epoxy-Free Optical Path

Corning offers a high channel isolation OADM (100 GHz) for telecommunications and network applications. These thin film filters utilize proprietary technologies to achieve outstanding field performance. The thin film filter OADM is available in standard ITU wavelength ranges. Custom wavelengths and channel configurations are also available upon request.

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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The CORNING logo is displayed in white, uppercase letters within a solid blue square.

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Specifications

Parameters	Minimum	Typical	Maximum
Passband Width	$\lambda_c \pm 0.12$ nm	$ \lambda_c \pm 0.15$ nm	
Add Channel Insertion Loss		0.9 dB	1.2 dB
Drop Channel Insertion Loss		0.9 dB	1.2 dB
Through Channel Insertion Loss		0.7 dB	1.0 dB
Adjacent Channel Isolation	25 dB	30 dB	
Non-Adjacent Channel Isolation	40 dB	45 dB	
Express Channel	25 dB	30 dB	
Optical Return Loss	45 dB	50 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
126 mm x 93 mm x 15 mm	Fiber Type: Corning® SMF-28e® or compatible	1 m (Standard)

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Ordering Information

High Isolation OADM (100 GHz)

A D 1 - 1 0 -

1 2 3 4

1 Select Wavelength Channel
NN: According to ITU Channel with Starting Channel

2 Select Package Type
2: 250 μm Box
3: 900 μm Box
4: Rack Mount

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

4 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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