# 200 GHz Dense WDM Mux and DeMux (16 Channel)

### CORNING

#### **Features and Benefits**

High Isolation	
Low Insertion Loss	
Bi-directional	
Epoxy Free Optical Path	
Low Total Integrated Cross Talk	

#### 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 high performance 200 GHz Dense WDM Multiplexers and Demultiplexers for ITU channel spacing applications. The thin film filter DWDM products rely on a unique technology to achieve superior field performance. The thin film filter DWDM four channel multiplexer and demultiplexer products are available in standard ITU wavelengths ranging from 1528 to 1565 nm. Custom wavelengths and channel configurations are available upon request.



Spec Sheet CAH-116\_AEN Page 1 | Revision date 2016-11-21

## CORNING

# 200 GHz Dense WDM Mux and DeMux (16 Channel)

### CORNING

### Specifications

Parameters	Minimum	Typical	Maximum
Center Wavelength $\lambda c$		1528-1565 nm	
Passband Width	$\lambda c \pm 0.25 \text{ nm}$		
Pass Channel Insertion Loss		1.6 dB	2.0 dB
Adjacent Channel Isolation	25 dB	30 dB	
Non-Adjacent Channel Isolation	40 dB	45 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 (900 μm Buffered)	5N Maximum		

Shipping Package		
Packaging Dimensions	Fiber Type	Pigtail Length
126 mm x 93 mm x 15 mm	Fiber Type: Corning <sup>®</sup> SMF-28e <sup>®</sup> or compatible	1 m (Standard)

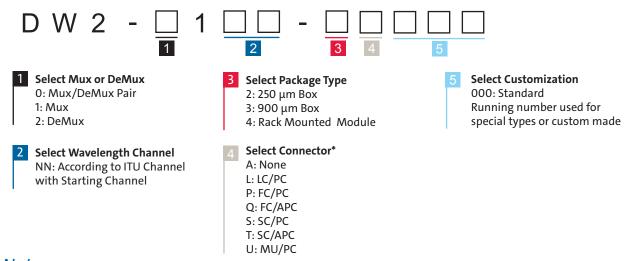


# 200 GHz Dense WDM Mux and DeMux (16 Channel)

# CORNING

#### **Ordering Information**

200 GHz Dense WDM Mux and DeMux (Four Channel)



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.



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.

Spec Sheet CAH-116\_AEN Page 3 | Revision date 2016-11-21

