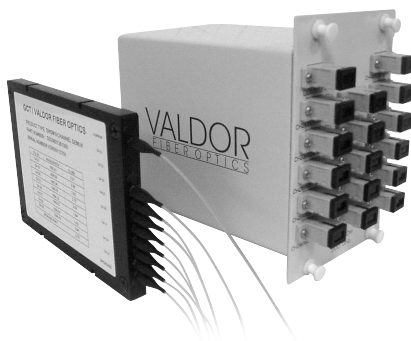


## 200 GHz Dense Wavelength Division Multiplexer Modules

### Features

- Very High Channel Isolation
- Very Low Insertion Loss
- Telecordia GR-1209 Compliant
- Epoxy-Free Lightpath
- L - Band available
- Custom Package available



### Applications

- Dense WDM Systems
- CATV Fiber Optic Links
- Fiber Amplified Systems
- Fiber Optic Systems

### Performance Specifications

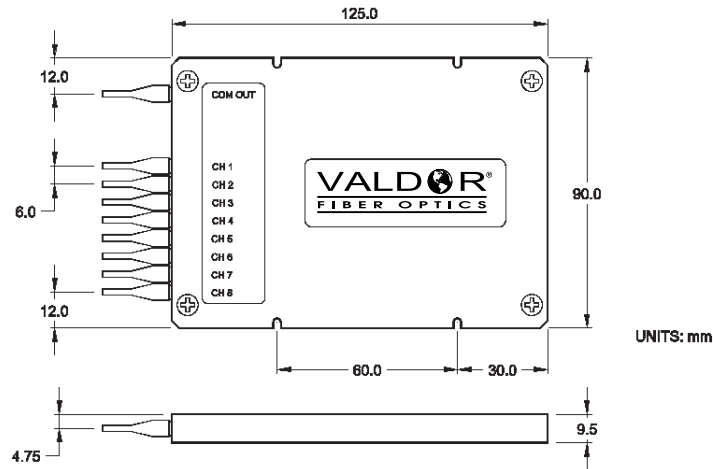
DWDM 200 GHz	4 CH	8 CH	16 CH	20 / 40 CH
Center Wavelength (nm)	1550 nm Window, ITU 100 GHz Grid			
Channel Spacing (GHz)	200 (1.6 nm)			
Channel Passband (nm)	ITU $\pm$ 0.25			
Insertion Loss [max] (dB) *	2.0	2.7	3.5	3.7 / 4.5
Ripple (dB)	Typ. < 0.3 Max < 0.5			
Adjacent Channel Isolation (dB)	$\geq$ 30			
Non-adjacent Channel Isolation (dB)	$\geq$ 45			
Return Loss (dB)	$\geq$ 45			
Directivity (dB)	$\geq$ 55			
Polarization Dependent Loss (PDL) (dB)	$\leq$ 0.1			
Maximum Power Handling (mW)	300			
Maximum Tensile Load (N)	5			
Operating Temperature ( $^{\circ}$ C)	-5 to +65			
Storage Temperature ( $^{\circ}$ C)	-40 to +85			
Package Dimension (mm) Cassette (L x W x H)	(L) 125 x (W) 90 x (H) 9.5		(L) 189 x (W) 175 x (H) 9.5	
Package Dimension (mm) LGX (L x W x H)	128 x 102 x 30	128 x 102 x 59	128 x 102 x 88	128 x 102 x 117

\*Insertion loss does not include connector loss.

### Description

Valdor dense wavelength division multiplexer is based on thin film filter technology and precision fiber optic packaging. This proven technology offers excellent channel bandwidth, flexible channel configuration, low insertion loss and high isolation. Valdor DWDMs are modular units and can be easily upgraded for higher channel counts. All Valdor products are epoxy-free in the optical path. Valdor DWDM devices are Telecordia GR -1209 qualification tested.

## Package Dimensions



## Ordering Information

Standard Valdor component part numbers are specified below with appropriate part number options. If you require devices different than standard devices, please contact our sales office or factory for ordering and pricing information.

Tel: (510) 324-0101 Fax: (510) 324-0303

PART NO.	DESCRIPTION (200GHz-CASSETTE MODULE)
170-20017-04	200GHz 4CH DMUX 900µm CH 21, 23, 25, 27 CASS NC
170-20004-08	200GHz 8CH DMUX 900µm CH 21-35 CASS NC
170-20003-16	200GHz 16CH DMUX 900µm CH21-59 CASS NC
170-20005-20	200GHz 20CH DMUX 900µm CH21-59 CASS NC

PART NO.	DESCRIPTION (200GHz-LGX MODULE)
170-20018-04	200GHz 4CH DMUX CH 21, 23, 25, 27 LGX SC/APC
170-20013-08	200GHz 8CH DMUX CH21-35 LGX SC/APC
170-20004-16	200GHz 16CH DMUX CH21-59 LGX SC/APC
170-20006-20	200GHz 20CH DMUX CH21-59 LGX SC/APC

CUSTOM	CONTACT OUR SALES OFFICE
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