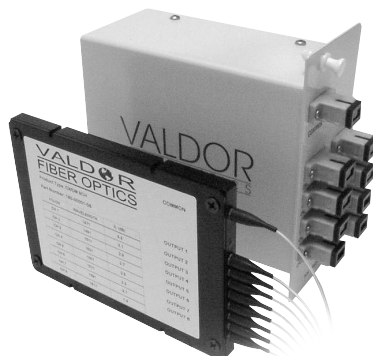


## Coarse Wavelength Division Multiplexer Modules

### 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 System
- CATV Fiber Optic Links
- Fiber Amplified Systems
- Fiber Optic Systems

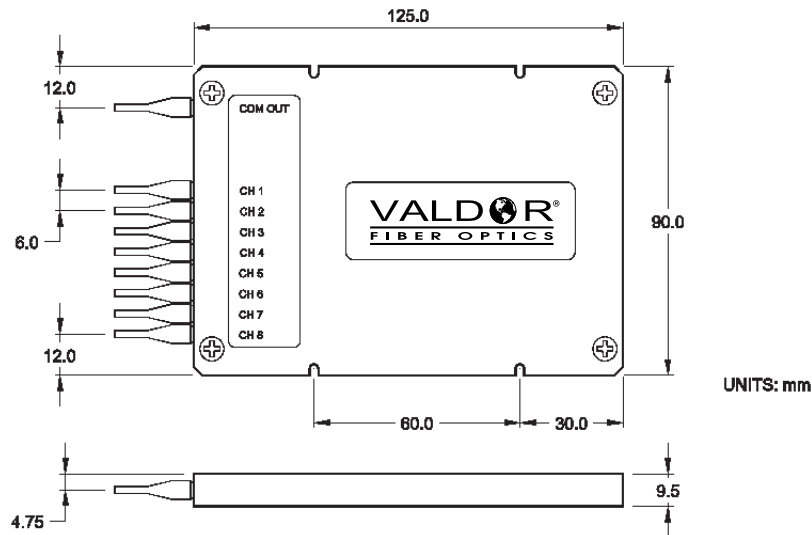
## Performance Specifications

### CWDM

Parameter	4 Channel	8 / 16 Channel
Center Wavelength	1510, 1530, 1550, 1570 (1270, 1290, 1310, 1330, 1350,	1470,1490,1510,1530,1550,1570,1590,1610 1370, 1390, 1410, 1430, 1450 custom order)
Spacings (nm)	20	20
Insertion Loss (dB) Mux*	1.4	2.2 / 3.0
Insertion Loss (dB) Demux*	1.7	2.5 / 3.3
Passband (nm)	Center Wavelength $\pm$ 6.5	Center Wavelength $\pm$ 6.5
Ripple in Passband (dB)	0.5 max	0.5 max
Isolation (dB)	$\geq$ 25	$\geq$ 25
Directivity (dB)	$\geq$ 60	$\geq$ 60
Return Loss	$\geq$ 40	$\geq$ 40
PDL(dB)	$\leq$ 0.1	$\leq$ 0.1
PMD (ps)	$\leq$ 0.1	$\leq$ 0.1
Optical Power (mW)	300	300
Fiber Type	SMF 28	SMF 28
Operating Temperature Range ( $^{\circ}$ C)	-5 to +65	-5 to +65
Storage Temperature Range ( $^{\circ}$ C)	-40 to +85	-40 to +85
Packaging	LGX 29.21 x 129.54 x 127.5 mm	LGX 58.42 x 129.54 x 127.5mm
	Cassette 125 x 90 x 10 mm	Cassette 125 x 90 x 10 mm

\*Connector loss values are not included.

## 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

<b>COARSE WDM 4 CHANNEL CASSETTE</b>	
181-00008-04	CWDM 4 CH DMUX 1470 -1530 CASSETTE 900µm NO CONNECTOR
<b>COARSE WDM 8 CHANNEL CASSETTE</b>	
181-00001-08	CWDM 8 CH DMUX 1470 -1610 CASSETTE 900µm NO CONNECTOR
<b>COARSE WDM 4 CHANNEL LGX</b>	
181-00009-04	CWDM 4 CH DMUX 1470 -1530 LGX SC/APC CONNECTORIZED
<b>COARSE WDM 4 CHANNEL LGX</b>	
181-00002-08	CWDM 8 CH DMUX 1470 -1610 LGX SC/APC CONNECTORIZED
CUSTOM	CONTACT OUR SALES OFFICE