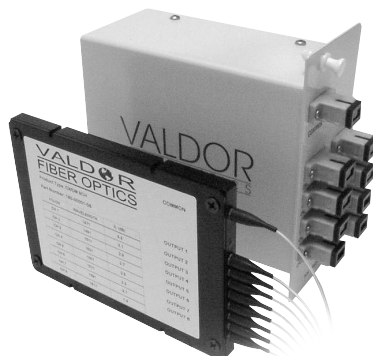


## Coarse 4 and 8 Channel Wavelength Division Multiplexer

### 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 Channel
Center Wavelength	1510, 1530, 1550, 1570	1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610
Spacings (nm)	20	20
Insertion Loss (dB) Mux*	2.0	3.5
Insertion Loss (dB) Demux*	2.5	4.0
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.

