

200 GHz 2 Add / 2 Drop Multiplexer Modules

Features

- 200 GHz Channel Spacing
- Very High Channel Isolation
- Very Low Insertion Loss
- Telecordia GR-1209 Compliant
- Epoxy-Free Lightpath
- Custom Package available



Applications

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

Performance Specifications

DWDM 200 GHz 2 Add / 2 Drop

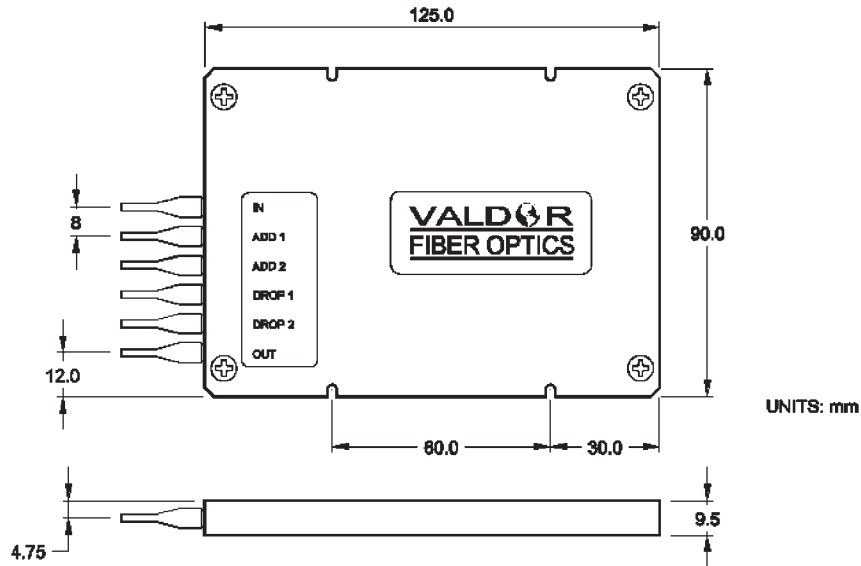
	Add Channel	Drop Channel
Center Wavelength (nm)	1550 nm Window, ITU 100 GHz Grid	
Channel Spacing (GHz)	200 (1.6 nm)	
Channel Passband (nm)	ITU \pm 0.25	
Add/Drop Channel 1 Insertion Loss (dB)	\leq 1.5	
Add/Drop Channel 2 Insertion Loss (dB)	\leq 2.0	
Express Channel Insertion Loss (dB)	\leq 1.6	
Add/Drop Channel Ripple (dB)	\leq 0.5	
Adjacent Ch.I Isolation @ Add/Drop Path (dB)	\geq 12	\geq 26
Non-Adjacent Ch.I Isolation @ Add/Drop Path (dB)	\geq 12	\geq 40
Express Channel Isolation (dB)	\geq 25	
Return Loss (dB)	\geq 45	
Directivity (dB)	\geq 55	
Polarization Dependent Loss (PDL) (dB)	\leq 0.1	
Polarization Mode Dispersion (ps)	\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)	(L) 125 x (W) 90 x (H) 10	

*Insertion loss does not include connector loss.

Description

Valdor dense wavelength division add/drop 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. 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
170-20001-02	200GHz 2 ADD/2 DROP MD CASSETTE CHANNEL 37 & 39
CUSTOM	CONTACT OUR SALES OFFICE