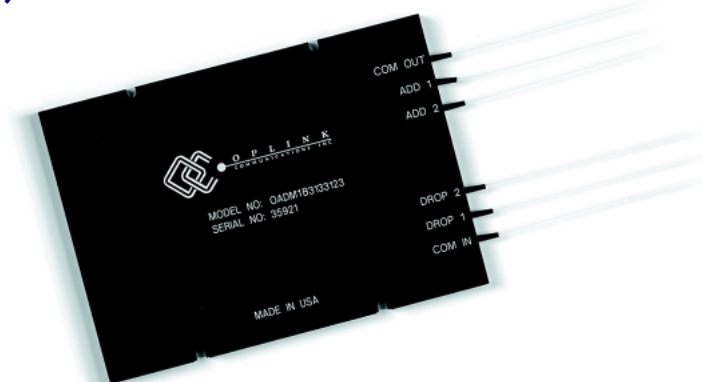


200 GHz 2-Channel ADD and DROP Multiplexer

OADM-22B Series (3x3)



Features

- 200 GHz Channel Spacing
- High Channel Isolation
- Low Insertion Loss
- Highly Stable & Reliable
- Epoxy-Free Optical Path
- Low Profile Packaging

Applications

- Dense WDM Systems
- CATV fiberoptic Links
- Fiber Amplifier System

OPLINK wavelength division Add and Drop multiplexer (OADM) is based on thin-film filter technology and metal bonding micro optics packaging. This module offers flexible channel configuration, low insertion loss and high isolation. The OADM-22B module is used to add and drop two particular wavelengths and is ideal for telecommunications and network. All OPLINK products are epoxy-free in the optical path. It is used in high-power applications in DWDM systems. OPLINK OADM devices are Bellcore GR -1221 qualification tested.

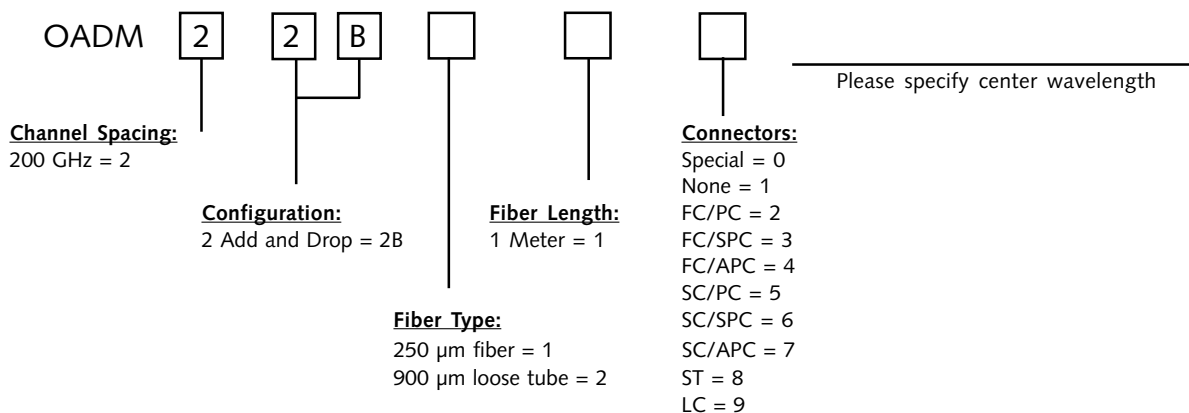
Performance Specifications

OADM-22B Series	ADD channels	DROP channels
Center Wavelength λ_c (nm)	1550 nm Window, ITU 100 GHz Grid	
Center Wavelength Accuracy (nm)	$\leq \pm 0.1$	
Channel Spacing (GHz)	200 (1.6 nm)	
Channel Passband (-0.5 dB Bandwidth)(nm)	≥ 0.5	
Add/drop Ch. 1 Insertion Loss (dB)	≤ 1.6	
Add/drop Ch. 2 Insertion Loss (dB)	≤ 2.2	
Express Channel Insertion Loss (dB)	≤ 1.8	
Add/Drop Channel Ripple (dB)	≤ 0.35	
Adjacent Ch. Isolation @ Add/drop Path (dB)	≥ 15	≥ 30
Non-adjacent Ch. @ Add/drop Path (dB)	≥ 15	≥ 40
Express Channel Isolation (dB)	≥ 20	
Insertion Loss Temperature Sensitivity (dB/ °C)	≤ 0.005	
Wavelength Temperature Sensitivity (nm/°C)	≤ 0.002	
Directivity (dB)	≥ 55	
Return Loss (dB)	≥ 45	
Polarization Dependent Loss (PDL) (dB)	≤ 0.15	
Polarization Mode Dispersion (ps)	≤ 0.1	
Maximum Power Handling (mW)	300	
Maximum Tensile Load (N)	5	
Operating Temperature (°C)	0 to +65	
Storage Temperature (°C)	-40 to +85	
Package Dimension (mm)	(L) 125 x (W) 90 x (H) 8	

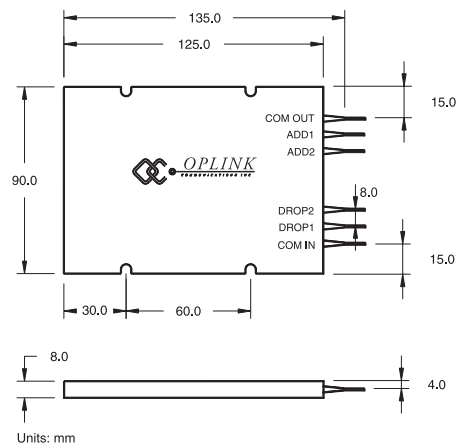
Values are referenced without connector loss.

Ordering Information

Standard Oplink Wavelength Division Add/Drop Multiplexers are specified below with appropriate part number options. If you require devices different than these standard devices, please contact our local Oplink Distributor, Sales Representative, or Factory Customer Service for ordering and price information.



Package Dimensions:



Spectra:

