

Overview

Wave2wave's 200G C-Band DWDM module achieves wavelength multiplexing and demultiplexing at the ITU wavelengths of 200GHz spacing. It features low insertion loss, high isolation, low temperature sensitivity, epoxy-free optical path, and ultra-wide pass band.

Packaged in a plug & play EXO cassette, it can be used for wavelength channel add/drop, wavelength routing in WDM networks. With its ultra-wide pass band, it's particularly suitable for data center interconnects (DCI) using Inphi's COLORZ® DWDM link technology.

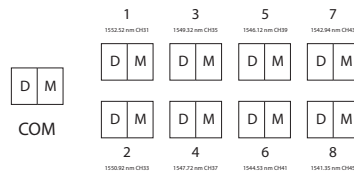


8 CH

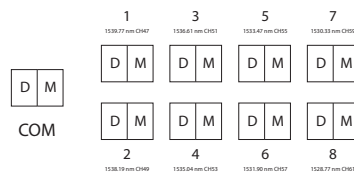
16 CH

Features & Benefits

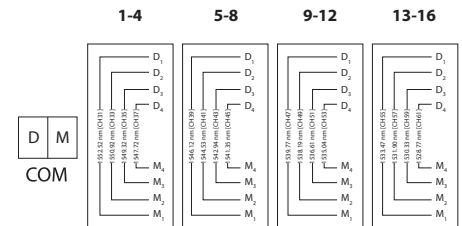
- Low Insertion Loss
- High Isolation
- Low PDL
- Compact Design
- Good channel-to-channel uniformity
- Operating Temperature: From 0°C to 70°C
- High Reliability and Stability



Part #: 88WDM31-3081-MD2-8A



Part #: 88WDM31-3081-MD2-8B



Part #: 88WDM31-3081-MD2-16

Specifications

Parameter	8CH	16CH
Filter Type	Flat Top	
Channel Spacing (GHz)	200	
Central Wavelength (nm)	ITU Grid	
Passband (@ - 1.0dB Bandwidth) (nm)	≥ 0.725	
Passband (@ - 3.0dB Bandwidth) (nm)	≥ 1.05	
Fiber Type	SMF 28e	
Adjacent Isolation (dB)	≥ 25	≥ 25
Non-Adjacent Isolation (dB)	≥ 25	≥ 25
Polarization Dependent Loss (dB)	≤ 0.4	
Directivity (dB)	≥ 50	

Specifications (Continued)

Parameter	8CH	16CH
Return Loss (dB)	≥ 45	
Insertion Loss (dB)	≤ 3.0	≤ 4.5
Operating Temperature (°C)	0~70	
Storage Temperature (°C)	-40~85	
Cassette Dimension (mm)	95x95x35	95x120x35
Connector	LC/UPC	

Modules Summary

	Description	Type	Part #	CH#s	Wavelength Channels	Package
Dense WDM	EXO® Lambda	100GHz Spacing	88WDM31-3081-MD	8x	C21, C22, C23, C24, C25, C26, C27,C28	EXO® LC
			88WDM51-3161-MD	16x	C21, C22, ..., C37, C38	EXO® MPO
			88WDM51-3481-MD	48x	C16, C17, ..., C62, C63	EXO® MPO
	EXO® Lambda-Z	200GHz Spacing	88WDM31-3081-MD2-8A	8x	C31,C33, C35,C37,C39,C41, C43,C45	EXO® LC
			88WDM31-3081-MD2-8B	8x	C47,C49, C51, C53, C55, C57, C59,C61	EXO® LC
			88WDM31-3081-MD2-16	16x	C31,C33, C35,C37,C39,C41,C43,C45, C47,C49, C51, C53,C55,C57,C59,C61	EXO® LC
Coarse WDM	EXO® Lambda-C4	CWDM4	88WDM31-3041-CMD	4x	1271nm, 1291nm, 1311nm, 1331nm	EXO® LC
	EXO® Lambda-LAN4	LAN WDM4	88WDM31-3041-LMD4	4x	1295.56nm, 1300.05nm, 1304.58nm, 1309.14nm	EXO® LC
	EXO® Lambda-LAN8	LAN WDM8	88WDM31-3081-LMD8	8x	1273.54nm, 1277.89nm, 1282.26nm, 1286.66nm, 1295.56nm, 1300.05nm, 1304.58nm, 1309.14nm	EXO® LC

Standards Compliance

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS

