

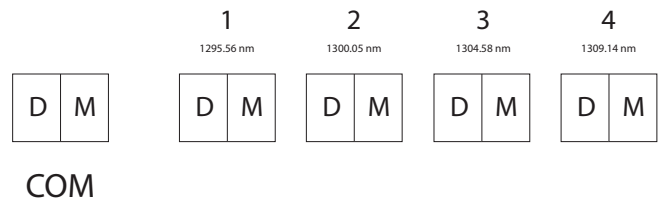


Overview

Wave2Wave's 4CH LAN CWDM module is featured with a pair of 1x4 multiplexer and demultiplexer for CWDM4 wavelength channels in a compact EXO cassette.

Features & Benefits

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



Part #: 88WDM31-3041-CMD

Specifications

Parameter	Symbol	Min	Typical	Max
Filter Type			Flat-Top	
Channel Spacing (GHz)			20	
Central Wavelength (nm)	λ_{CT0}		1271	
	λ_{CT1}		1291	
	λ_{CT2}		1311	
	λ_{CT3}		1331	
Passband (nm)	$\Delta\lambda$		$\lambda_c \pm 6.5$	
Fiber Type			SMF28e	
Adjacent Isolation (dB)		30		
Non-Adjacent Isolation (dB)		40		
Polarization Dependent Loss (dB)				0.2

Specifications (Continued)

Parameter	Symbol	Min	Typical	Max
Directivity (dB)		50		
Return Loss (dB)		45		
Insertion Loss (dB)			1.2	1.8
Operating Temperature (°C)			-5~60	
Storage Temperature (°C)			-40~70	
Cassette Dimension (mm)			95x95x35	
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

