

CWDM

Extended Band 4, 8, & 16 Channel Module

Specifications

Parameter	4 Channels	8 Channels	16 Channels	
Operating Wavelength Range	1260-1620 nm			
Center Wavelength (λ_c)	1271, 1291, 1311, 1331, 1351, 1371, 1431, 1451, 1471, 1491, 1511, 1531, 1551, 1571, 1591, or 1611 nm			
Channel Spacing	20 nm			
Channel Pass Band	$\geq \lambda_c \pm 6.5$ nm			
Insertion Loss (Pass Band)	≤ 1.6 dB	≤ 2.7 dB	≤ 3.7 dB	
Pass Band Ripple	≤ 0.5 dB			
Adjacent Channel Isolation	≥ 30 dB (demux)			
Non-Adjacent Channel Isolation	≥ 40 dB (demux)			
Directivity	≥ 50 dB			
Return Loss	≥ 45 dB			
PDL	≤ 0.15 dB	≤ 0.15 dB	≤ 0.2 dB	
Maximum Power	300 mW			
Operating Temperature	- 5° C to + 65° C			
Storage Temperature	- 40° C ~ + 85° C			
Package Dimensions		110 x 90 x 7 mm	110 x 90 x 7 mm	110 x 90 x 12 mm
	MD Packaging	110 x 90 x 7 mm	110 x 90 x 7 mm	110 x 90 x 12 mm

Note1: All values specified are without connectors.

Note2: Higher performance specifications available upon request.

Note3: Fiber type Corning SMF-28e.

Note4: Channel count is from low to high for mux and high to low for demux if mux and demux are packaged in one cassette. In this case the first channel and last channel in P/N is for mux.

Ordering Information

E	C	W	M	First Channel		Last Channel		Fiber Length	Pigtail Style	Connector	
				# of Channels	Module Type			A: 1 meter	(=Package style)	0: None	7: LC/UPC
				4: 4 ch	M: Mux	1: 1471	9: 1271	B: 1.5 meter	B: bare fiber	1: FC/PC	8: LC/SPC
				8: 8 ch	D: Demux	2: 1491	10: 1291		L: 900 μm loose tube	2: FC/APC	9: Special
				16: 16 ch	MD: Mux & Demux in one cassette	3: 1511	11: 1311			3: SC/PC	A: FC/UPC
						4: 1531	12: 1331			4: SC/APC	B: SC/UPC
						5: 1551	13: 1351			5: FC/SPC	C: ST
						6: 1571	14: 1371			6: SC/SPC	
						7: 1591	15: 1431				
						8: 1611	16: 1451				