CWDM

Extended Band 4, 8 & 16 Channel Module

Specifications

Parameter		4 Channels	8 Channels	16 Channels
Operating Wavelength Range			1260-1620 nm	
Center Wavelength (λc)			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			≥ λc ± 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	≤ 0.2 dB
Maximum Power			300 mW	
Operating Temperature			-5° C to + 65° C	
Storage Temperature			- 40° C ~ + 85° C	
Package Dimensions (mm)			110 x 90 x 7	110 x 90 x 12
	MD Packaging	110 x 90 x 7	110 x 90 x 12	124.5 x 107 x 18

Note1: All values specified are without connectors.
Note2: Higher performance specifications are 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 & demux are packaged in one cassette. In this case the first channel & last channel in P/N is for mux

Order Information

E C W M - _ - _ - _ - _ - _ - _ - _

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

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