DWDM

8 Channel 100 GHz & 200 GHz DWDM Module

Specifications

Parameter		100 GHz	200 GHz
Center Wavelength (λc)		ITU Grid	
Channel Pass Band		≥ λc ± 0.11 nm	≥ λc ± 0.25 nm
Insertion Loss (Pass Band)		≤ 3.0 dB	≤ 2.8 dB
Uniformity		≤ 1.5 dB	
Pass Band Ripple		≤ 0.5 dB	
Adjacent Channel Isolation		≥ 25 dB	≥ 30 dB
Non-Adjacent Channel Isolation		≥ 40 dB	
Directivity		≥ 50 dB	
Return Loss		≥ 45 dB	
PDL		≤ 0.20 dB	≤ 0.15 dB
PMD		≤ 0.1 ps	
Maximum Power		300 mW	
Operating Temperature		0° C to + 65° C	
Storage Temperature		- 40° C ~ + 85° C	
Package Dimensions		110 mm x 90 mm x 7 mm	
	MD Type packaging	100 mm x 90 mm x 12 mm	

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.
Note5: Over operating temperature All SOP

Order Information

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Channel Spacing	Module Type	Number of Channels	1st ITU Channel#	Fiber Length	Pigtail Style	Connector	
1: 100 GHz 2: 200 GHz	M: Mux D: Demux MD: Mux & Demux in One cassette	08: 8 Ch	e.g 23: 1558.98 nm	A: 1 meter B: 1.5 meter S: Special	(=Package style) B: bare fiber L: 900 µm loose tube	0: None 1: FC/PC 2: FC/APC 3: SC/ PC 4: SC/APC 5: FC/SPC 6: SC/SPC	7: LC/UPC 8: LC/SPC 9: Special A: FC/UPC B: SC/UPC C: ST

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