

DWDM

8 Channel 100 GHz & 200 GHz DWDM Module

➔ Specifications

Parameter	100 GHz	200 GHz
Center Wavelength (λ_c)		ITU Grid
Channel Pass Band	$\lambda_c \pm 0.11$ nm	$\lambda_c \pm 0.25$ 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 ~ + 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 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.

Note5: Over operating temperature, all SOP.

➔ Ordering Information

D	W	M	-	0	8	-	-	-	-	-	-	-	-	-	-	-	-	-
Channel Spacing		Module Type		# of Channels		1st ITU Channel #		Fiber Length		Pigtail Style (=Package 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		B: bare fiber L: 900 μ m loose tube		0: None 7: LC/UPC 1: FC/PC 8: LC/SPC 2: FC/APC 9: Special 3: SC/PC A: FC/UPC 4: SC/APC B: SC/UPC 5: FC/SPC C: ST 6: SC/SPC						