

## DWDM

### 4 Channel 100 GHz & 200 GHz DWDM Module

#### Specifications

Parameter	100 GHz	200 GHz
Center Wavelength ( $\lambda_c$ )	ITU Grid	
Channel Pass Band	$\lambda_c \pm 0.11$ nm	$\lambda_c \pm 0.25$ nm
Insertion Loss (Pass Band)	$\leq 2.2$ dB	$\leq 2.0$ dB
Uniformity	$\leq 1.0$ dB	
Pass Band Ripple	$\leq 0.5$ dB	
Adjacent Channel Isolation	$\geq 25$ dB	$\geq 30$ dB
Non-Adjacent Channel Isolation	$\geq 40$ dB	
Directivity	$\geq 50$ dB	
Return Loss	$\geq 45$ dB	
PDL	$\leq 0.20$ dB	$\leq 0.15$ dB
PMD	$\leq 0.1$ ps	
Maximum Power Handling	300 mW	
Operating Temperature	0° C ~ + 65° C	
Storage Temperature	- 40° C ~ + 85° C	
Package Dimensions	110 mm x 90 mm x 7 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							
			<b>Channel Spacing</b>	<b>Module Type</b>	<b># of Channels</b>	<b>1<sup>st</sup> ITU Channel #</b>	<b>Fiber Length</b>	<b>Pigtail Style</b>	<b>Connector</b>
			1: 100 GHz 2: 200 GHz	M: Mux D: Demux MD: Mux & Demux in one cassette	04: 4 Ch	e.g. 23: 1558.98 nm	A: 1 meter B: 1.5 meter S: Special	(=Package style) B: bare fiber L: 900 $\mu$ 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