LIGHTEL
True Color Components

DWDM

4 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)	≤ 2.2 dB	≤ 2.0 dB
Uniformity	≤ 1.0 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 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 – ___ – ___ – ___ – ___ – ___ – ___ – ___

Channel Spacing
1: 100 GHz
2: 200 GHz

Module Type
M: Mux
D: Demux
MD: Mux & Demux in one cassette

# of Channels
04: 4 Ch

1st ITU Channel #
e.g. 23: 1558.98 nm

Fiber Length
A: 1 meter
B: 1.5 meter
S: Special

Pigtail Style
(=Package style)
B: bare fiber
L: 900 µm loose tube

Connector
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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