LIGHTEL
True Color Components

CWDM

Compact Size 4 & 8 Channel CWDM

Specifications

Parameter	4 Channel	8 Channel
Operating Wavelength Range	1260-1620 nm	
Channel Spacing	20 nm	
Center Wavelength (λc)	Option 2: 1471, 1491, 1511, 1531 nm; Option 3: 1551, 1571, 1591, 1611 nm; Option 4: 1271, 1291, 1311, 1331 nm; Option 5: 1351, 1371, 1431, 1451 nm;	Option 1: 1471, 1491, 1511, 1531, 1551, 1571, 1591, & 1611
Pass Band	λc ± 6.5 nm	
Insertion Loss	≤ 1.5 dB (1.0 dB typical)	≤ 1.8 dB (1.2 dB typical)
Pass Band Ripple	≤ 0.5 dB	
Adjacent Channel Isolation	≥ 30 dB	
Non-Adjacent Channel Isolation	≥ 45 dB	
Return Loss	≥ 45 dB	
Directivity	≥ 50 dB	
PDL	≤ 0.2 dB	
PMD	≤ 0.2 ps	
Maximum Power Handling	300 mW	
Operating Temperature	- 40° C ~ + 85° C	
Storage Temperature	- 40° C ~ + 85° C	
Package Dimensions	44 mm x 28 mm x 6 mm	

Note1: All values specified are without connectors. Add 0.3 dB for the connector loss.

Ordering Information

C C W D M – ___ – ___ – A – ___ – ___

Channel Number
4: 4 channel
8: 8 channel

Center Wavelength
1: Option 1 (8 ch)
2: Option 2 (4 ch)
3: Option 3 (4 ch)
4: Option 4 (4 ch)
5: Option 5 (4 ch)

Fiber Length
A: 1 meter

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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