LIGHTEL
True Color Components

CWDM
Single Channel Add/Drop

Specifications

Parameter	Specification
Operating Wavelength Range	1460-1620 nm
Central Wavelength (λc)	1471, 1491, 1511, 1531, 1551, 1571, 1591, or 1611 nm
Channel Spacing	20 nm
Bandwidth	≥ λc ± 6.5 nm
Insertion Loss (Pass Band)	≤ 0.7 dB
Insertion Loss (Reflect Band)	≤ 0.5 dB
Pass Band Ripple	≤ 0.3 dB
Adjacent Channel Isolation	≥ 35 dB
Non-Adjacent Channel Isolation	≥ 45 dB
Express Channel Isolation	≥ 15 dB
Directivity	≥ 50 dB
Return Loss	≥ 45 dB
PDL	≤ 0.1 dB
Maximum Power	300 mW
Operating Temperature	0° C ~ + 65° C
Storage Temperature	- 40° C ~ + 85° C
Package Dimensions	5.5 mm (Φ) x 35 mm (L)

Note1: All values specified are without connectors.
Note2: Higher performance specifications available upon request.
Note3: Fiber Type Corning SMF-28e.

Ordering Information

C W D M – ___ – ___ – ___ – ___

Center Wavelength
1: 1471 **5**: 1551
2: 1491 **6**: 1571
3: 1511 **7**: 1591
4: 1531 **8**: 1611

Fiber Length
A: 1 meter
B: 1.5 meter

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

Connector
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

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