

***Fiber Optic Innvator***

1 x 2 Coarse Wavelength Division Multiplexer (CWDM)

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| **Features** |  |
| Wide pass band Low insertion lossHigh channel isolationHigh stability and reliability |
| **Application** |
| CWDM systemCWDM Mux/Demux module |

**Specifications**

|  |  |
| --- | --- |
| Parameter | Value |
| Central Wavelength(nm) | 1271, 1291, 1311, …..1551, 1571, 1591, 1611 |
| Operating Wavelength (nm) | 1260~1460 or 1460~1620 or 1260~1620 |
| Channel space (nm) | 20 |
| Channel bandwidth (nm) | λc ± 6.5 |
| Channel flatness (dB) | ≤0.4 |
| IL (dB) | Pass Channel | ≤0.6 |
| Reflection Channel | ≤0.4 (1260~1460 or 1460~1620) or≤0.6(1260~1620) |
| Isolation (dB) | Adjacent channel | ≥30 |
| Non-adjacent channel | ≥40 |
| Reflection Channel | ≥15 |
| Directivity (dB) | ≥55 |
| Return loss (dB) | ≥50 |
| PDL (dB) | ≤0.15 |
| Wavelength thermal stability (nm/℃) | ≤0.003 |
| Insertion loss thermal stability (dB/℃) | ≤0.005 |
| Power handling (mW) | ≤500 |
| Operating temperature (℃) | 0 ~ +70 |
| Storage temperature (℃) | -40 ~ +85 |
| Dimensions (mm) | φ5.5×L34 |

**Package Dimensions**



**Ordering Information:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CWDM | Port Type | Wavelength | Pigtail Type | Fiber Type | Length | Connector |
|  | 1x2 | 12711291**……**1611 | 250=250um bare fiber 900=900um loose tube 3000=3mm loose tube | 1=SMF-28e | 1= 1m X=Specify | NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other |

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