

CWDM FILTER

(1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611nm)

Specifications

Contact Ascentta with your custom specification needs.

| Parameter | | Unit | Value | |
|--------------------------------|--------------------------------|------------------------------|---------------------------|----|
| Pass Channel | Wavelength | nm | 1471, 1491 ... 1591, 1611 | |
| | Center Wavelength Accuracy | nm | ± 0.5 | |
| | Bandwidth (@-0.5dB) | Min nm | 13 | |
| | Isolation | Adjacent (23°C, All SOP) | Min dB | 30 |
| | | Non-adjacent (23°C, All SOP) | Min dB | 40 |
| Insertion Loss (23°C, All SOP) | Max dB | 0.6 | | |
| Reflect Channel | Ripple | Max dB | 0.3 | |
| | Insertion Loss (23°C, All SOP) | Max dB | 0.5 | |
| | Isolation (23°C, All SOP) | Min dB | 15 | |
| PDL | Max dB | 0.1 | | |
| PMD | Max ps | 0.1 | | |
| Return Loss | Min dB | 45 | | |
| Directivity | Min dB | 50 | | |
| Optical Power Handling | Max mW | 300 | | |
| Package Dimension | mm | φ5.5 x L35 | | |
| Operating Temperature | °C | -0~+70 | | |
| Storage Temperature | °C | -40~+85 | | |

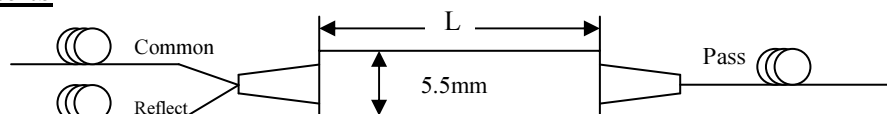
* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.
 * SOP=State Of Polarization

Ordering Information

Contact Ascentta with your custom configuration needs.

| CWDMF | Wavelength | Fiber Type | Fiber Length | Connector |
|----------|------------|------------------|--------------|-----------|
| CWDMF | 47=1471nm | B= SMF-28, 250um | 10=1.0m | NE=None |
| | 49=1491nm | L= SMF-28, 900um | 15=1.5m | FA=FC/APC |
| | 51=1511nm | | 20=2.0m | FC=FC/PC |
| | 53=1531nm | X=Others | 30=3.0m | SA=SC/APC |
| | 55=1551nm | | | SC=SC/PC |
| | 57=1571nm | | X=Others | ST=ST/PC |
| | 59=1591nm | | | LA=LC/APC |
| | 61=1611nm | | | LC=LC/PC |
| X=Others | | | X=Others | |

Package Dimensions



Contact Ascentta for all your custom design needs.