



High Power C Band/L Band Filter Wavelength Division Multiplexer

Features

- Wide Pass Band
- Low Insertion Loss
- High Return Loss
- Excellent Environmental Stability
- High Power Handling Capability

Applications

- DWDM Systems
- EDFAs

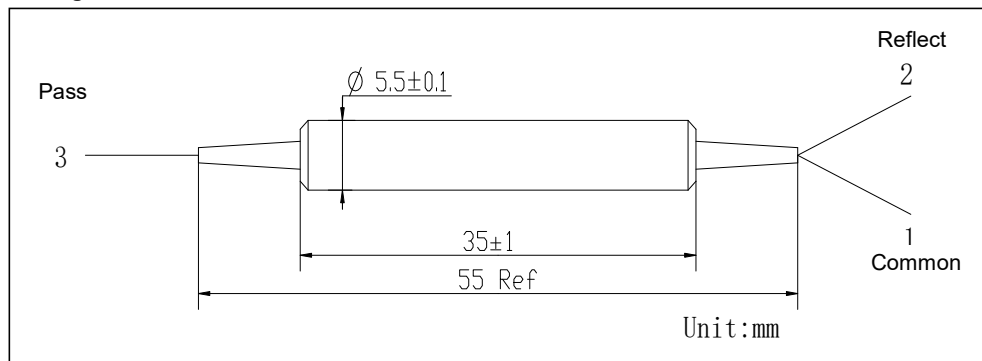
Specifications

| Parameters | | Unit | Values |
|------------------------------|------------------------|-------|-----------------------|
| Pass Band | Wavelength Range | nm | 1530-1561 (1571-1605) |
| | Max. Insertion Loss | dB | 0.9 |
| | Typ. Insertion Loss | dB | 0.7 |
| | Min. Isolation at 23°C | dB | 22 |
| | Typ. Isolation | dB | 25 |
| Reflection Band | Wavelength Range | nm | 1571-1605 (1530-1561) |
| | Max. Insertion Loss | dB | 0.7 |
| | Typ. Insertion Loss | dB | 0.5 |
| | Min. Isolation at 23°C | dB | 12 |
| | Typ. Isolation | dB | 15 |
| Optical Return Loss | | dB | 50 |
| Typ. PDL | | dB | 0.05 |
| Max. PDL | | dB | 0.1 |
| Thermal Stability | | dB/°C | ≤0.005 |
| Max. Optical Power (CW) | | W | 1, 2, 3 or Specify |
| Max. Peak Power for ns Pulse | | kW | 10 |
| Max. Tensile Load | | N | 5 |
| Fiber Type | | | SMF-28e Fiber |
| Operating Temperature | | °C | -5 to +70 |
| Storage Temperature | | °C | -40 to +85 |

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower and optical power is only 1000mW(CW).

Package Dimensions



Ordering Information

HPCLWDM-①①①①-②②-③③③-④④④④-⑤

①①①①: Wavelength

6171 - 1530-1561nm Pass / 1571-1605nm Reflect

7161 - 1571-1605nm Pass / 1530-1561nm Reflect

SSSS - Specify

②②: Handling Power

01 - 1W

SS - Specify

③③③: Connector Type on Port 1, 2 & 3

1A - FC/UPC

2A - FC/APC (Step)

N - None

S - Specify

④④④: Fiber Jacket on Port 1, 2 & 3

B - 250um Bare Fiber

F - 900um Loose Tube(White)

S - Specify

⑤: Fiber Length

1 - 1.0m

S - Specify

⑥⑥: Fiber Type

01 - SMF-28e Fiber

⑦⑦: Package

01 - $\varnothing 5.5 \times 35$ mm