



C Band/L Band Filter Wavelength Division Multiplexer

(CLWDM Series)

The C Band/L Band Filter Wavelength Division Multiplexer is a micro optics device based on environmentally stable Thin Film Filters technology. It is used to combine or separate C band wavelength signals and L band wavelength signals in DWDM systems. The components are characterized with wide passband, low insertion loss, high return loss excellent environmental stability and high power handling capability.

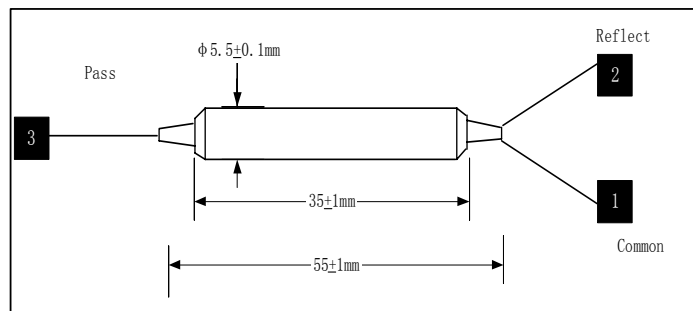
Specifications

Parameters		Unit	Values
Pass Band	Wavelength Range	nm	1530-1561(1571-1605)
	Max. Insertion Loss	dB	0.7
	Typ. Insertion Loss	dB	0.5
	Min. Isolation	dB	22
	Typ. Isolation	dB	25
Reflection Band	Wavelength Range	nm	1571 - 1605(1530-1561)
	Max. Insertion Loss	dB	0.5
	Typ. Insertion Loss	dB	0.3
	Min. Isolation	dB	12
	Typ. Isolation	dB	15
Min. Return Loss		dB	50
Max. PDL		dB	0.1
Typ. PDL		dB	0.05
Thermal Stability		dB/°C	≤0.005
Max. Optical Power		mW	300
Max. Tensile Load		N	5
Fiber Type			SMF-28 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, RL will be 5dB lower.

Package Dimensions



Ordering Information

CLWDM-①①①①-②-③-④

①: Wavelength

6171 - 1530-1561 Pass / 1571-1605 Reflect

7161 - 1530-1561 Reflect / 1571-1605 Pass

SSSS - Specify

③: Fiber Type

B - 250um bare

L - 900um loose tube

S - Specify

②: Connector Type

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

5 - LC/UPC

6 - ST/UPC

N - None

S - Specify

④: Fiber Length

1 - 1.0 m

S - Specify