



Multimode Filter Wavelength Division Multiplexer

(MMFWDM Series)

The Multimode Filter Wavelength Division Multiplexer series are based on environmentally stable Thin Film Filters technology, The devices combine or separate light at different wavelength in a wide wavelength range, They offer very low insertion loss, high isolation and excellent environmental stability, High power handling capability can be achieved through unique pigtail processing and high quality AR coating, These components have been extensively used in Multi-mode fiber communication, CATV and testing instrumentation.

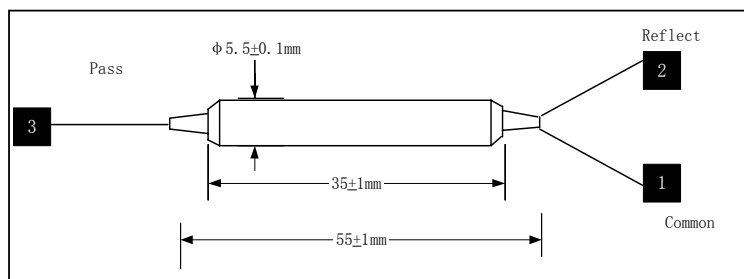
Specifications

Parameters	Unit	Values
Pass Band	Wavelength Range	nm 830-870(1290-1330) 1270-1350(1530-1600)
	Typ. Insertion Loss	dB 0.3
	Max. Insertion Loss	dB 0.5
	Typ. Isolation	dB 35
	Min. Isolation	dB 30
Reflection Band	Wavelength Range	nm 1290-1330(830-870) 1530-1600(1270-1350)
	Typ. Insertion Loss	dB 0.3
	Max. Insertion Loss	dB 0.5
	Typ. Isolation	dB 15
	Min. Isolation	dB 12
Min. Directivity	dB	40
Min. Return Loss	dB	40
Max. TDL	dB	0.15
Max. Optical Power	mW	300
Package Dimensions		bare fiber&loose tube $\Phi 5.5 \times 55$ 3mm cable 12(W)*10(H)*120(L)
Max. Tensile Load	N	5
Fiber Type	um	Multimode fiber 62.5/125/250 or 50/125/250
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 0.2dB higher, RL will be 20dB lower.

Package Dimensions



Ordering Information

MMFWDM-①①①①-②-③-④-⑤

①: Wavelength

3155 - 1310 Pass / 1550 Reflect

5531 - 1550 Pass / 1310 Reflect

8531 - 850 Pass / 1310 Reflect

3185 - 850 Reflect / 1310 Pass

②: Fiber Core

1 - 62.5um

2 - 50um

③: Connector Type

1 - FC/UPC

2 - ST/UPC

3 - LC/UPC

4 - SC/UPC

N - None

S - Specify

④: Fiber Type

B - 250um bare fiber

L - 900um loose tube

C - 3mm cable

S - Specify

⑤: Fiber Length

1 - 1.0 m

S - Specify

