



Multimode Filter Wavelength Division Multiplexer

Features

- Low Insertion Loss
- High Return Loss
- High Environmental Stability

Applications

- WDM Networks
- Local Area Networks
- Research

Specifications

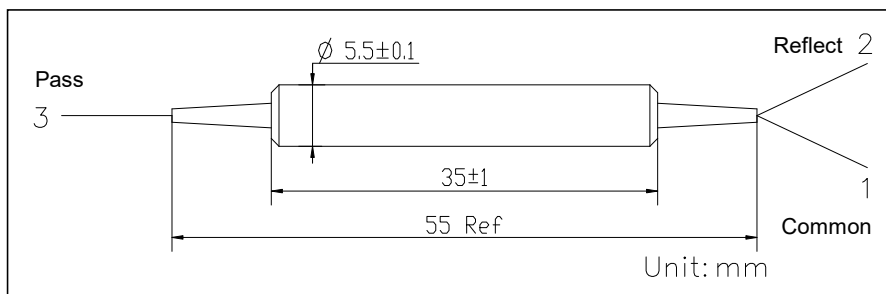
Parameters		Unit	Values
Pass Band	Wavelength Range	nm	830-870(1290-1330) 1270-1350(1530-1600)
	Typ. Insertion Loss	dB	0.3
	Max. Insertion Loss	dB	0.5
	Typ. Isolation	dB	35
	Min. Isolation	dB	30
Reflect Band	Wavelength Range	nm	1290-1330(830-870) 1530-1600(1270-1350)
	Typ. Insertion Loss	dB	0.3
	Max. Insertion Loss	dB	0.5
	Typ. Isolation	dB	15
	Min. Isolation	dB	12
Min. Return Loss		dB	30
Min. Directivity		dB	35
Max. TDL		dB	0.15
Package Dimensions		mm	Bare Fiber & Loose Tube $\Phi 5.5 \times 55$
			3mm Cable 12(W)*10(H)*120(L)
Max. Optical Power (CW)		mW	500
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 and RL will be 20dB lower.

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

MMFWDM-①①①①-②-③③-④④④④-⑤⑤⑤⑤-⑥-⑦⑦-⑧⑧

①①①①: Wavelength

- 3155 - 1310nm Pass / 1550nm Reflect
- 5531 - 1550nm Pass / 1310nm Reflect
- 8531 - 850nm Pass / 1310nm Reflect
- 3185 - 1310nm Pass / 850nm Reflect

④④④④: Connector Type on Port 1, 2 & 3

- 1A - FC/UPC
- 2A - FC/APC(Step)
- 3A - SC/UPC
- N - None
- S - Specify

⑥: Fiber Length

- 0.5 - 0.5m
- S - Specify

②: Fiber Core Diameter

- 1 - 62.5um
- 2 - 50um

⑤⑤⑤⑤: Fiber Jacket on Port 1, 2 & 3

- B - 250um Fiber
- D - 900um Loose Tube(Blue)
- F - 900um Loose Tube(White)
- S - Specify

⑦⑦: Fiber Type

- 03 - MM50/125 graded index fiber
- S - Specify

⑧⑧: Package Dimensions

- 01 - $\Phi 5.5 \times 35$

③③: Handling Power

- 0.5 - 0.5W