

High Power Filter Wavelength Division Multiplexer



Features

Wide Pass Band
Low Insertion Loss
High Return Loss
Excellent Environmental Stability

Applications

Fiber Lasers
Fiber Amplifiers
Fiber Sensors
Research

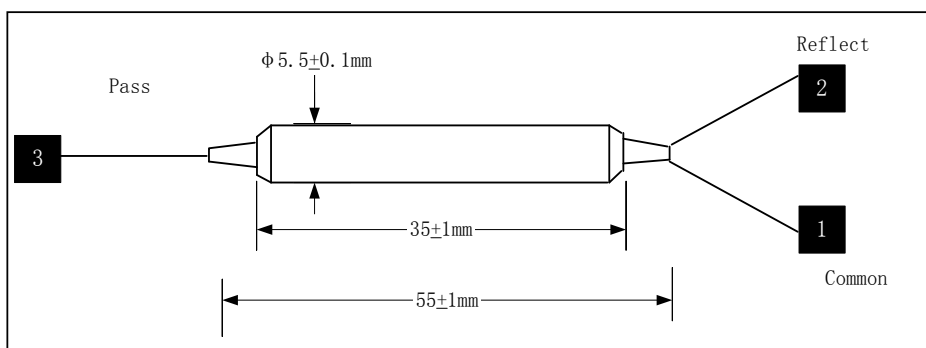
Specifications

Parameters		Unit	Values
Pass Band	Wavelength Range	nm	1530-1570
	Typ. Insertion Loss	dB	0.4
	Max. Insertion Loss	dB	0.6
	Typ. Isolation	dB	30
	Min. Isolation	dB	25
Reflection Band	Wavelength Range	nm	1030-1070
	Typ. Insertion Loss	dB	0.5
	Max. Insertion Loss	dB	0.7
	Typ. Isolation	dB	15
	Min. Isolation	dB	12
Min. Return Loss		dB	50
Max. PDL		dB	0.1
Typ. PDL		dB	0.05
Thermal Stability		dB/°C	≤0.005
Max. Optical Power		W	1
Max. Tensile Load		N	5
Fiber Type			Pass port:SMF-28e Common & Reflection Port :HI1060
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

FWDM-①①①①-②-③-④

①①①①: Wavelength
5506 - 1550Pass/1064 Reflect

②: Connector Type
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

③: Fiber Type
B - 250um bare fiber
L - 900um loose tube
S - Specify

④: Fiber Length
1 - 1.0 m
S - Specify