



Filter Wavelength Division Multiplexer (FWDM Series)

Rev 11B

Description

The Filter Wavelength Division Multiplexer is based on environmentally stable thin-film filter technology. The devices combine or separate light at different wavelengths in a wide wavelength range. The FWDM offers very low insertion loss, low polarization dependence, 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 EDFAs, Raman amplifiers, WDM networks and fiber optical instruments.

Key Features

- Low Insertion Loss
- Low PDL

Applications

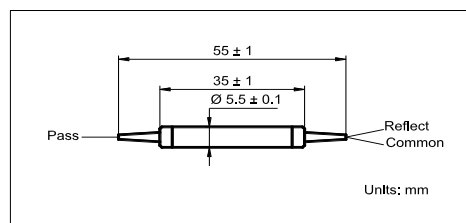
- EDFA
- Raman Amplifier

Specifications

Parameter	Unit	Value
Pass Band	Wavelength Range	nm
	Max. Insertion Loss	dB
	Min. Isolation	dB
Reflection Band	Wavelength Range	nm
	Max. Insertion Loss	dB
	Min. Isolation	dB
Min. Return Loss	dB	
Max. Polarization Dependent Loss	dB	
Thermal Stability	dB/°C	
Max. Optical Power (Continuous Wave)	mW	
Max. Tensile Load	N	
Fiber Type	-	
Operating Temperature	°C	
Storage Temperature	°C	

¹IL is 0.5 dB higher, RL is 5 dB lower for each connector added.

Package Dimensions



Ordering Information

FWDM-①①①①-②-③-④

①①①①: Wavelength

9806 - 980 Pass/1060 Reflect

SSSS - Specify

②: Connector Type

1 - FC/UPC N - None

2 - FC/APC S - Specify

3 - SC/UPC

4 - SC/APC

③: Fiber Jacket

B - 250 µm Bare Fiber

L - 900 µm Loose Tube

S - Specify

④: Fiber Length

1 - 1.0 m

S - Specify