



850/1310nm Multimode Micro-Optic Wavelength Division Multiplexer(High Isolation)

Features

- Wide Operating Wavelength Range
- Low Insertion Loss
- Ultra Flat Wide Passband
- High Channel Isolation
- High Stability and Reliability
- Epoxy Free Optical Path

Applications

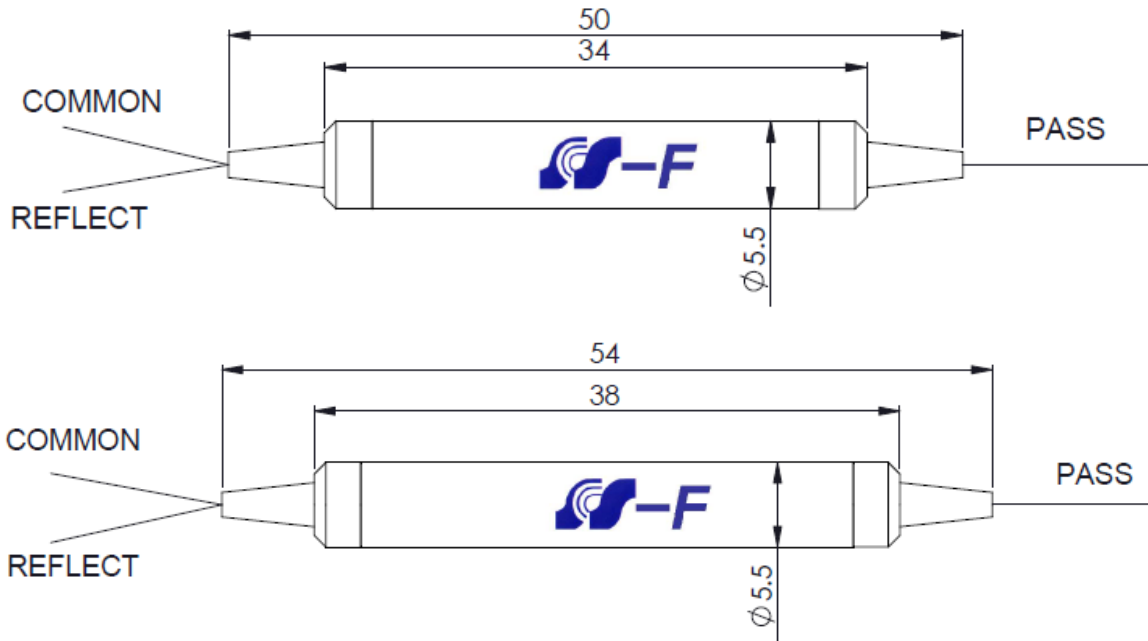
- System Monitoring
- WDM System
- Transmitters and Fiber Lasers
- Fiber Optical Amplifier
- Fiberoptic Instruments

Performance Specifications:

Parameter	Unit	Spec	
Pass Channel Wavelength Range	nm	800nm to 900nm (or 1260nm to 1360nm)	
Reflect Channel Wavelength Range	nm	1260nm to 1360nm (or 800nm to 900nm)	
Insertion Loss	Pass Channel	dB	≤ 1.0dB
	Reflect Channel	dB	≤ 1.0dB
Insertion Loss Variation	dB	≤ 0.3dB	
Isolation	Pass Channel	dB	≥ 45dB
	Reflect Channel	dB	≥ 45dB
Insertion Loss Temperature Sensitivity	dB/°C	≤ 0.003dB/°C	
Polarization Dependent Loss	dB	≤ 0.10dB	
Polarization Mode Dispersion	ps	≤ 0.10ps	
Directivity	dB	≥ 45dB	
Return Loss	dB	≥ 40dB	
Optical Power	mW	≤ 300mW	
Operating Temperature	°C	0 to +70°C	
Storage Temperature	°C	-40 to +85°C	
Package Dimensions	mm	Ø5.5 x L34mm SS tube(38mm with 900um tube)	

Note: All values referenced are without connectors. With connector, IL increase 0.3dB, RL decrease 5dB.

Mechanical Dimensions:



Ordering Information:

S-HMWDM	Wavelength	Fiber Type	Pigtail Style	Fiber Length	In/Out Connector
	□□	□□	□	□	□□
	83=850 Pass 38=1310 Pass	1=62.5/125 MM Fiber 2=50/125 MM Fiber	1=Bare Fiber 2=900um tube	1=1.0m 2=2.0m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC/PC 7=LC/APC

For Example: S-HMWDM-83-1-1-2-11