1310/1550nm Micro-Optic Wavelength Division Multiplexer

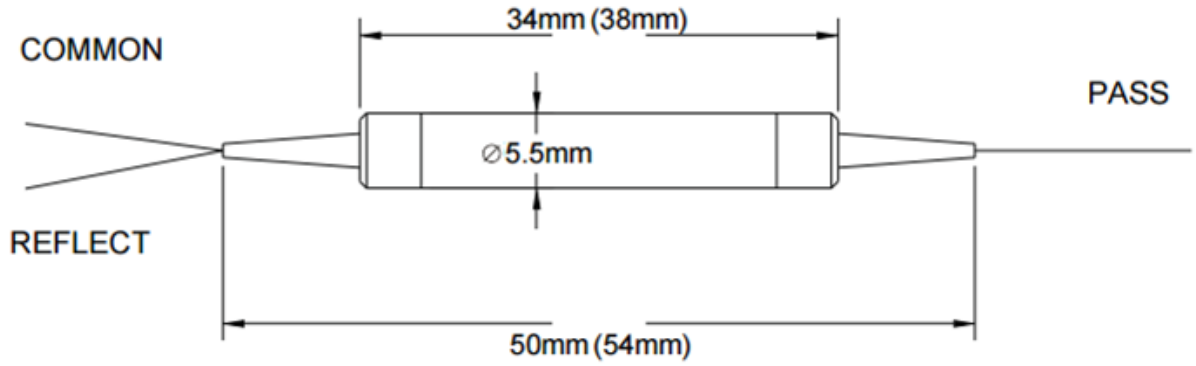
Features	Applications
● Wide Operating Wavelength Range ● Low Insertion Loss ● Ultra Flat Wide Passband ● High Channel Isolation ● High Stability and Reliability ● Epoxy Free Optical Path	● System Monitoring ● WDM System ● Transmitters and Fiber Lasers ● Fiber Optical Amplifier ● Fiberoptic Instruments

Performance Specifications:

Parameter		Unit	Spec
Pass Channel Wavelength Range		nm	1500nm to 1600nm (or 1280nm to 1340nm)
Reflect Channel Wavelength Range		nm	1280nm to 1340nm (or 1500nm to 1600nm)
Insertion Loss	Pass Channel	dB	≤ 1.0dB
	Reflect Channel	dB	≤ 0.4dB
Insertion Loss Variation		dB	≤ 0.5dB
Isolation	Pass Channel	dB	≥ 50dB
	Reflect Channel	dB	≥ 13dB
Insertion Loss Temperature Sensitivity		dB/°C	≤ 0.005dB/°C
Wavelength Temperature Shifting		nm/°C	≤ 0.002nm/°C
Polarization Dependent Loss		dB	≤ 0.10dB
Polarization Mode Dispersion		ps	≤ 0.10ps
Directivity		dB	≥ 50dB
Return Loss		dB	≥ 45dB
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-MWDM	Wavelength	Pigtail Style	Fiber Length	Connector
	□□	□	□	□□
	53=1550 Pass 35=1310 Pass	1=Bare Fiber 2=900um tube	1=1m 2=2m	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-MWDM-53-1-2-11