



1310/1550nm Micro-Optic Wavelength Division Multiplexer (High Isolation)

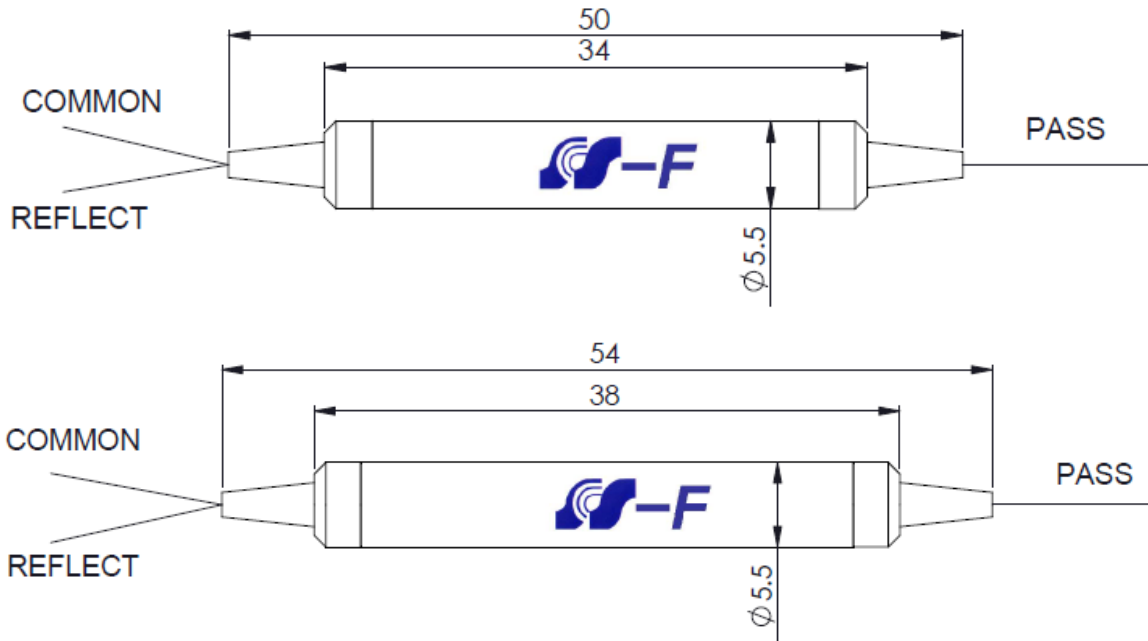
<p>Features</p> <ul style="list-style-type: none"> ● Wide Operating Wavelength Range ● Low Insertion Loss ● Ultra Flat Wide Passband ● High Channel Isolation ● High Stability and Reliability ● Epoxy Free Optical Path 	<p>Applications</p> <ul style="list-style-type: none"> ● System Monitoring ● WDM System ● Transmitters and Fiber Lasers ● Fiber Optical Amplifier ● Fiberoptic Instruments
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Performance Specifications:

Parameter	Unit	Spec
Pass Channel Wavelength Range	nm	1520nm to 1600nm
Reflect Channel Wavelength Range	nm	1250nm to 1350nm
Insertion Loss	Pass Channel	≤ 0.8dB
	Reflect Channel	≤ 0.8dB
Insertion Loss Variation	dB	≤ 0.3dB
Isolation	Pass Channel	≥ 45dB
	Reflect Channel	≥ 45dB
Insertion Loss Temperature Sensitivity	dB/°C	≤ 0.003dB/°C
Polarization Dependent Loss	dB	≤ 0.10dB
Polarization Mode Dispersion	ps	≤ 0.10ps
Directivity	dB	≥ 55dB
Return Loss	dB	≥ 50dB
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-HWDM	Wavelength	Pigtail Style	Fiber Length	In/Out Connector
	□□	□	□	□□
	53=1550 Pass	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-HWDM-53-1-2-11