



3 Ports FWDM (1310/1550nm)

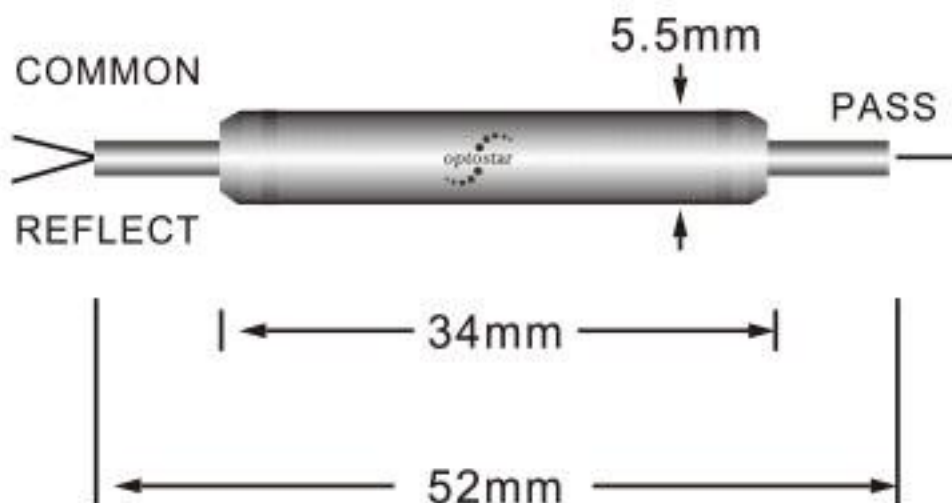


Shenzhen Optostar Optoelectronics Co., Ltd**2013. 05(Version 2)****Overview**

OPTOSTAR Micro-Optical FWDM utilizes thin film coating technology and proprietary design of non-flux metal bonding micro optics packaging. It provides low insertion loss, high channel isolation, low temperature sensitivity and epoxy free optical path.

Product Features

- Wide Operating Wavelength Range
- Low insertion loss
- Ultra Flat Wide Passband
- High Channel Isolation
- High stability and reliability
- Epoxy-free on Optical Path

Package Dimension

Technical Parameter

Parameter		FWDM 5/3	FWDM 3/5
Channel Wavelength (nm)		1500~1600	1260~1360
Reflect Channel Wavelength (nm)		1260~1360	1500~1600
Insertion Loss (dB)	Reflect Channel	≤0.5	
	Pass Channel	≤0.6	
Insertion Loss Variation (dB)		<0.3	
Isolation (dB)	Reflect Channel	>15	
	Pass Channel	>30	
Insertion Loss Temperature Sensitivity(dB/°C)		<0.005	
Polarization Dependent Loss (dB)		<0.1	
Polarization Mode Dispersion (ps)		<0.1	
Directivity (dB)		>50	
Return Loss (dB)		>50	
Maximum Power Handling (mW)		300	
Operating Temperature(°C)		-20~+75	
Storage Temperature(°C)		-40~+85	
Package dimension(mm)		Φ5.5x34 (L38 for 900um Loose tube)	

- 1、Above specifications are for devices without connector.
- 2、Specifications may change without notice.

Application

- System Monitoring
- WDM Network
- Transmitters and Fiber lasers
- Fiber Optical amplifier
- Fiberoptic Instruments

Order Information

Description
3 Ports FWDM (1310/1550nm)
Note: Fiber Type: 250um Bare fiber, 900um loose tube(optional) Fiber Length: 1m, 2m (optional) In/Out Connector: None, FC/APC, FC/PC, SC/APC, SC/PC,ST, LC, Custom(Optional) Wavelength: 1310 nm, 1550nm (Optional)

Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by OPTOSTAR before they become applicable to any particular order or contract. In accordance with the OPTOSTAR policy of continuous improvement specifications may change without notice.

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