

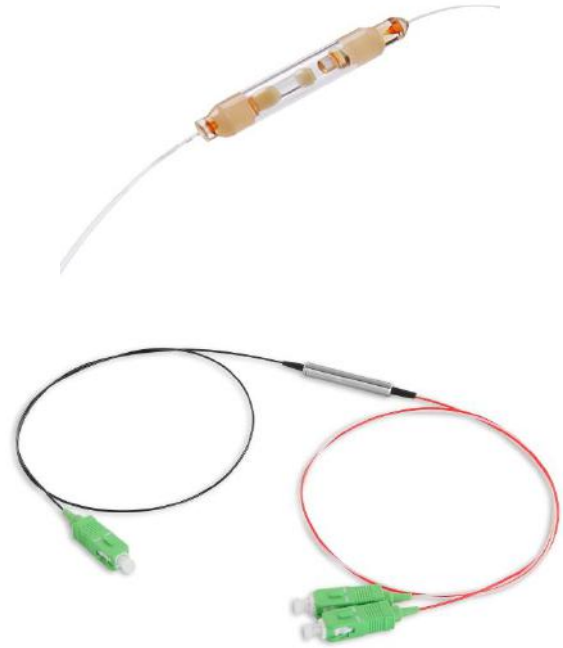
TFF 1310/1490/1550/1625nm FWDM

Features

- Optical path epoxy free
- Low insert loss & high isolation
- Telcordia GR-1221-Core qualified
- RoHS compliant

Applications

- PON System
- FTTx Network
- CATV System



Specification

Parameter		Unit	Specification			
			FWDM35/6 3 ports	FWDM35/6 2 ports	FWDM345/6 3 ports	FWDM345/6 2 ports
Operating Wavelength	Transmission	nm	1610-1650			
	Reflection	nm	1280-1340		1260-1580	
		nm	1530-1570			
Port of Transmission (Port1=>Port2)	Insertion Loss	dB	≤0.60 (Typical 0.4)		≤0.60 (Typical 0.4)	
	Isolation	dB	≥40		≥40	
Port of Reflection (Port1=>Port3)	Insertion Loss	dB	≤0.50(Typical 0.3)	---	≤0.50(Typical 0.3)	---
	Isolation	dB	≥15	---	≥15	---
Return Loss		dB	≥45			
Insertion Loss Thermal Stability		dB/°C	≤0.005			
Polarization Dependent Loss		dB	≤0.15			
Polarization Mode Dispersion		Ps	≤0.10			
Directivity		dB	≥45	---	≥45	---
Power Handling		mW	300			
Operating Temperature		°C	-40 ~ +85			
Storage Temperature		°C	-40 ~ +85			
Fiber Type		--	Corning SMF-28 Ultra, G657A1/A2 or customer specified			
Pigtail type		--	Ø250µm Bare Fiber or Ø0.9mm loose tube			
Fiber length		m	1.0 ,or customer specified			
Package Dimension		mm	Steel Tube: Ø5.5x34 for 250µm bare fiber,			

Information and specifications are subject to change without notice.
Please visit www.china-tscom.com for more information

8 Jinxiu Middle Road, Pingshan, Shenzhen, Guangdong, 518118, P. R. China
+86 755 32983688 | info@china-tscom.com | www.china-tscom.com



		Ø5.5x38 for Ø0.9mm loose tube; Glass Tube: Ø4.0x26 for Ø250µm bare fiber, Ø3.2x26 for Ø250µm bare fiber;
--	--	---

Note:

- Insertion Loss excluding connector loss. With connectors add 0.3dB;
- Connectors can be supplied on request.
- The FWDM device with other Operating Wavelength can be customized.