

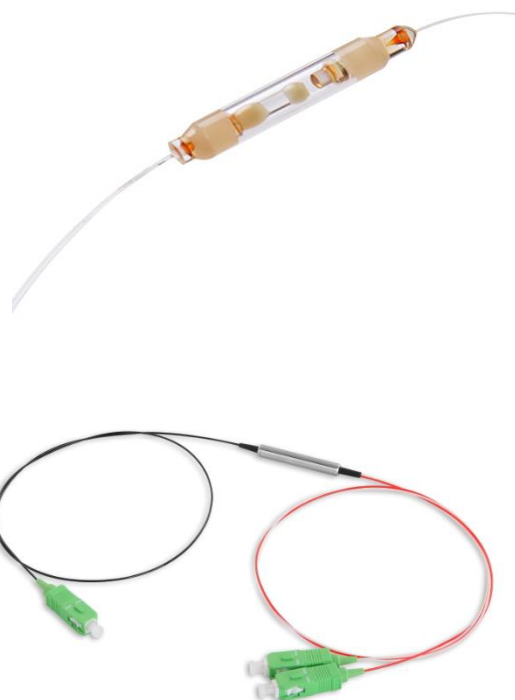
## TFF 1310/1550nm FWDM

### Features

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

### Applications

- Channel separator
- Module integration
- WDM system



### Specification

Parameter		Unit	Specification	
			1310/1550	1310/1550H
Operating Wavelength	Transmission	nm	1460-1650	
	Reflection	nm	1260-1400	
Port of Transmission (Port1=>Port2)	Insertion Loss	dB	≤0.6(Typical 0.4)	≤1.0(Typical 0.8)
	Isolation	dB	≥40	≥45
Port of Reflection (Port1=>Port3)	Insertion Loss	dB	≤0.5(Typical 0.3)	≤1.0(Typical 0.6)
	Isolation	dB	≥15	≥45
Return Loss		dB	≥45	
Insertion Loss Temperature Stability		dB/°C	≤0.005	
Polarization Dependent Loss		dB	≤0.10	≤0.20
Polarization Mode Dispersion		Ps	≤0.10	
Directivity		dB	≥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, Ø5.5x38 for Ø0.9mm loose tube;	

Information and specifications are subject to change without notice.  
Please visit [www.china-tscom.com](http://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](mailto:info@china-tscom.com) | [www.china-tscom.com](http://www.china-tscom.com)



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		Glass Tube: Ø4.0x26 for Ø250µm bare fiber;
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**Note:**

- Insertion loss excluding connector loss. With connectors add 0.3dB;
- Connectors can be customized on request.