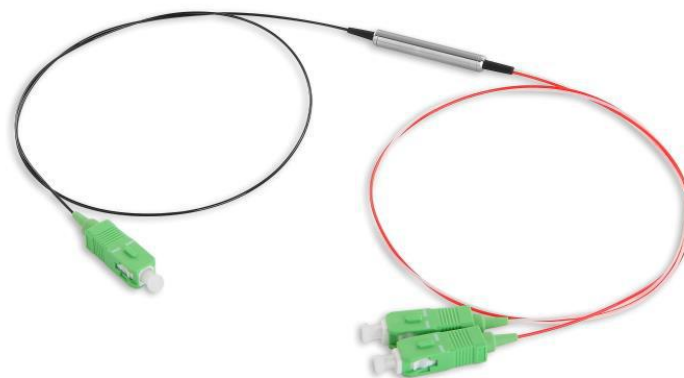


## TFF 1310/1550nm FWDM

### 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	
			1310/1550S	1310/1550H
Operating Wavelength	Transmission	nm	1520-1610	
	Reflection	nm	1250-1350	
Transmission Port	Insertion Loss	dB	≤0.6(Typical 0.4)	≤1.2(Typical 1.0)
	Isolation	dB	≥40	≥40
Reflection Port	Insertion Loss	dB	≤0.4(Typical 0.3)	≤1.0(Typical 0.8)
	Isolation	dB	≥15	≥40
Return Loss		dB	≥45	
Insertion Loss Thermal Stability		dB/°C	≤0.005	
Polarization Dependent Loss		dB	≤0.10	
Polarization Mode Dispersion		Ps	≤0.10	
Directivity		dB	≥45	
Power Handling		mW	300	
Operating Temperature		°C	-5 ~ +70	
Storage Temperature		°C	-40 ~ +85	

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)



---

Package Dimension	mm	$\Phi 5.5 \times 34$ for 250um bare fiber , $\Phi 5.5 \times 38$ for 900um loose tube
-------------------	----	---

---

## Note:

- Insertion loss excluding connector loss.
  - Connectors can be supplied on request.
  - Customized dimension is available.
  - Fiber type is Corning SMF-28 Ultra Optical Fiber unless otherwise specified.
-