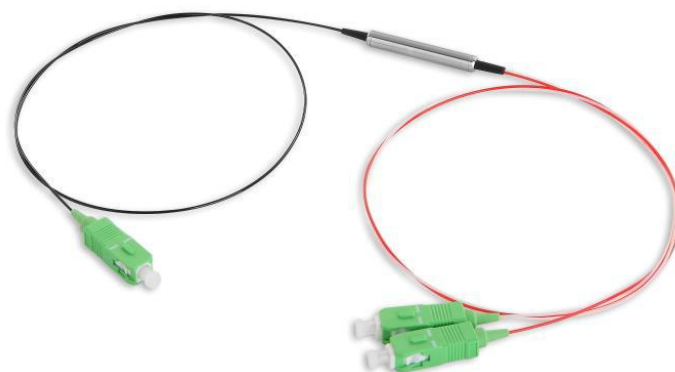


TFF 1310/1490/1550nm FWDM

Features

- Automatic Optical alignment
- 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			
			FWDM3/45	FWDM45/3	FWDM35/4	FWDM5/34
Operating Wavelength	Transmission	nm	1490±10	1310±40	1490±40	1310±40
		nm	1550±10			1490±10
	Reflection	nm	1310±40	1490±10	1310±40	1550±10
		nm		1550±10	1550±10	
Transmission Port	Insertion Loss	dB	≤0.6(Typical 0.4)			
	Isolation	dB	≥40			
Reflection Port	Insertion Loss	dB	≤0.4(Typical 0.3)			
	Isolation	dB	≥15			
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			

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

Storage Temperature	°C	-40 ~ +85
Package Dimension	mm	Φ5.5x34 for 250um bare fiber , Φ5.5x38 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.
 - The FWDM device with other Operating Wavelength can be customized.
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