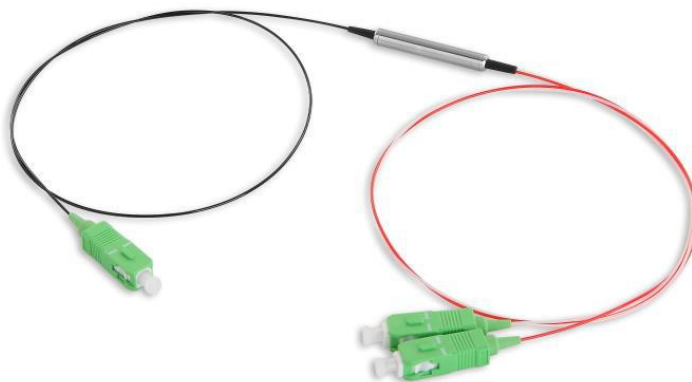


# TFF 1310/1490/1550/1625nm FWDM

## 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 port	FWDM35/6 2 port	FWDM345/6 3 port	FWDM345/6 2 port
Operating Wavelength	Transmission	nm	1610-1650			
	Reflection	nm	1280-1340		1260-1580	
		nm	1530-1570			
Transmission Port	Insertion Loss	dB	≤0.60	≤0.60	≤0.60	≤0.60
	Isolation	dB	≥40	≥40	≥40	≥40
Reflection Port	Insertion Loss	dB	≤0.40	---	≤0.40	---
	Isolation	dB	≥15	---	≥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	---	≥45	---
Power Handling		mW	300			
Operating Temperature		°C	-5 ~ +70			
Storage Temperature		°C	-40 ~ +85			
Package Dimension		mm	Φ5.5x34 for 250um bare fiber , Φ5.5x38 for 900um loose tube			

Note:

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- 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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