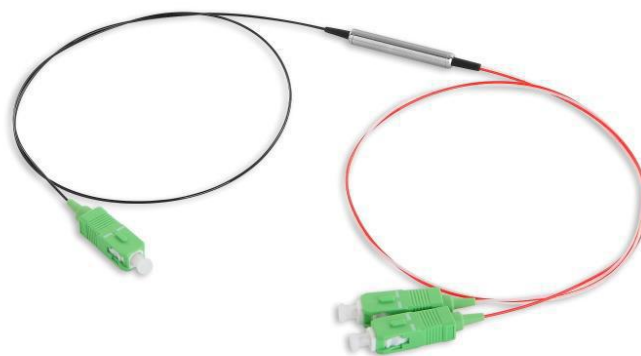


TFF CWDM 3 Ports Device

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
- CWDM system
- Add/drop channel

Specifications

Parameter		Unit	Specification
Channel Center Wavelength		nm	1270,1290...1610 or 1271, 1291...1611
Channel Spacing		nm	20
Bandwidth		nm	≥13 ($\lambda_c \pm 6.5\text{nm}$)
Insertion Loss	Pass Channel	dB	≤0.8(Typical 0.6)
	Reflect Channel	dB	≤0.4(Typical 0.3)
	Ripple	dB	≤0.3
	Thermal Stability	dB/°C	≤0.003
Isolation	Adjacent Channel	dB	>30
	Non-Adjacent Channel	dB	>45
	Reflect Channel	dB	≥12
Wavelength Thermal Stability		dB/°C	≤0.002
Return Loss		dB	≥45
Polarization Dependent Loss		dB	≤0.10
Polarization Mode Dispersion		Ps	≤0.10
Directivity		dB	≥45

Power Handling	mW	300
Operating Temperature	°C	-5~+70(commercial)
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 customized on request.
- Fiber type is Corning SMF-28 Ultra, G657A1/A2 and so on.