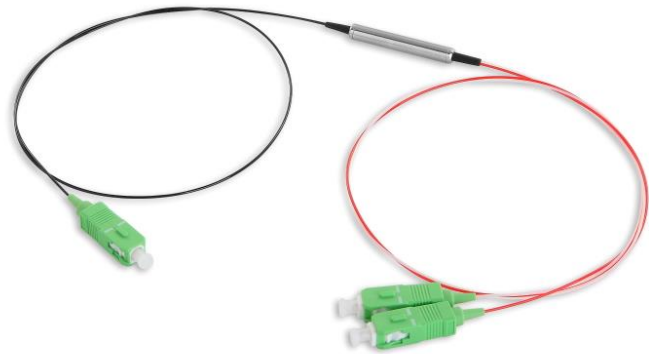


TFF CWDM 3 Ports Device

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	$\geq 13 (\lambda_c \pm 6.5\text{nm})$	
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	≤ 0.005
Isolation	Adjacent Channel	dB	> 30
	Non-Adjacent Channel	dB	> 45
	Reflect Channel	dB	≥ 12
Wavelength Thermal Stability	nm/°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	$\phi 5.5 \times 34$ for 250 μm bare fiber , $\phi 5.5 \times 38$ for 900 μm loose tube	

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

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Note:

- Insertion loss excluding connector loss.
- Connectors can be customized on request.
- Fiber type is Corning SMF-28 Ultra, G657A1/A2 and so on.