

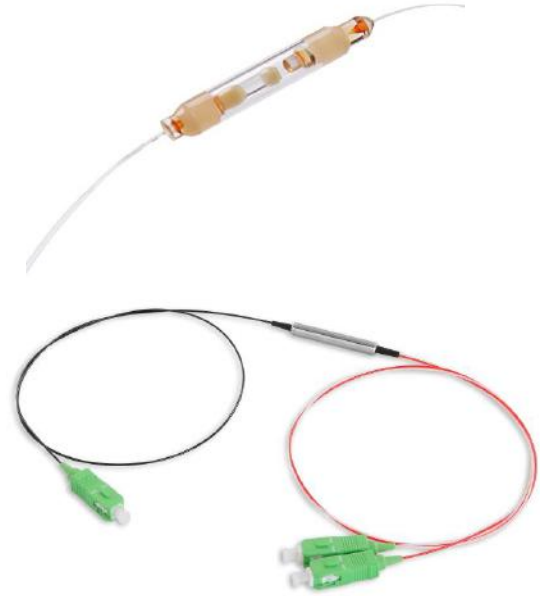
Band Separators WDM Device

Feature

- Optical path epoxy free
- Low insertion loss & high isolation
- Telcordia GR-1221-Core qualified
- RoHS compliant

Applications

- Channel separator
- Module integration
- DWDM/CWDM system



Specification

Parameter		Unit	C/L	C/L	C-Red/Blue	L-Red/Blue
Operating Wavelength	Transmission	nm	1564-1620	1570-1610	1547-1561	1589-1603
	Reflection	nm	1260-1556	1500-1564	1530-1543	1570-1584
Port of Transmission (Port1=>Port2)	Insertion Loss	dB	≤0.8(Typical 0.6)			
	Isolation	dB	≥30			
Port of Reflection (Port1=>Port3)	Insertion Loss	dB	≤0.60(Typical 0.4)			
	Isolation	dB	≥15			
Return Loss		dB	≥45			
Insertion Loss Thermal Stability		dB/°C	≤0.005			
Polarization Dependent Loss		dB	≤0.15			
Polarization Mode Dispersion		Ps	≤0.10			
Directivity		dB	≥45			
Power Handling		mW	300			
Operating Temperature		°C	-40 ~ +85			
Storage Temperature		°C	-40 ~ +85			
Fiber Type		--	Corning SMF-28 Ultra, G657A1/A2 or customer specified			
Pigtail type		--	Ø250µm Bare Fiber or Ø0.9mm loose tube			
Fiber length		m	1.0 ,or customer specified			
Package Dimension		mm	Steel Tube: Ø5.5x34 for 250µm bare fiber , Ø5.5x38 for Ø0.9mm loose tube; Glass Tube:			

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



		Ø4.0x26 for Ø250µm bare fiber , Ø3.2x26 for Ø250µm bare fiber;
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Note:

- Insertion Loss excluding connector loss. With connectors add 0.3dB;
- Connectors can be supplied on request.
- The FWDM device with other operating wavelength can be customized.