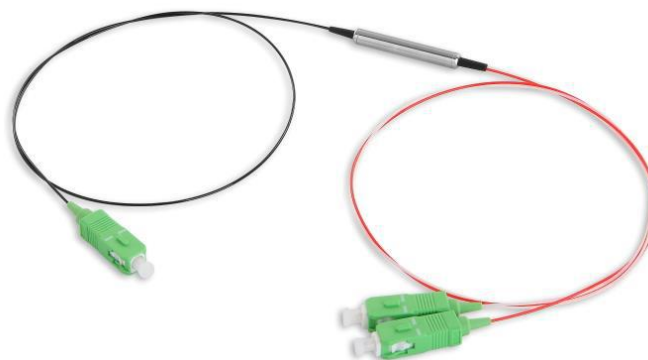


Band Separators WDM Device

Feature

- Optical path epoxy free
- Low insert 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
Transmission Port	Insertion Loss	dB	≤1.0(Typical 0.8)			
	Isolation	dB	≥30			
Reflection Port	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	≤0.10			
Polarization Mode Dispersion		Ps	≤0.10			
Directivity		dB	≥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:

- Insertion Loss excluding connector loss.
- Connectors can be supplied on request.
- Customized dimension is available.
- Fiber type is Corning SMF-28 Ultra, G657A1/A2 and so on.
- The BWDM device with other Operating Wavelength can be customized.