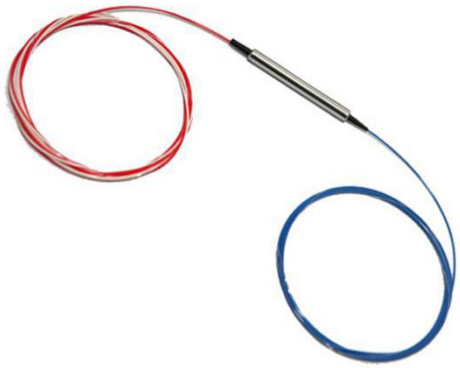
1x2 or 2x2 FWDM Device (3 or 4 Ports)

1、Cable Drawing



2、Description

(FBT WDM) Fused biconic taper wavelength division multiplexer, can effectively combine or separate single mode signals at two wavelength ranges. Available in three wavelength ranges (980/1550 nm, 980/1310 nm, and 1480/1550 nm). Based on the proven Fused Biconic Taper (FBT) technology, these multiplexers provide broad operating wavelengths and low insertion loss. All our WDM are available with any connector style (FC as standard, other connectors available upon request), and include 900 um loose tubing to protect the fibers.

3、Features

- Low Insertion Loss, Low PDL & PMD
- Excellent Channel Isolation
- High stability & reliability
- High performance

4、Application

- Long-HaulUni and Bi-Directional
- Telecommunications System
- Digital, Hybrid and Am-video Systems
- High-Speed Multi-Wavelength Systems
- CATV Links & Fiber Sensors

5、Specification

Parameter	Unit	WA		WB	WC
Grade	--	P	A	P	P
Insertion Loss(Max)	dB	0.3	0.4	0.7	1.2
Isolation(Min.)	dB	≥17	> 16	> 34	> 45
PDL	dB	≤0.05	< 0.10	< 0.10	< 0.15
Operating Wavelength	nm	1295 ~ 1325/1528 ~ 1565			
Return Loss (Min.)	dB	≥55			
Directivity	dB	≥55			
Operating Temperature	℃	-10~+70			
Storage Temperature	℃	-40~+85			
Fiber Pigtail Length	m	1 m or custom length			
Fiber Type	--	Corning singlemode SMF-28			
Port Configuration	--	1x2 or 2x2			
Package Dimension	--	A,B,C,1,3		1,2	1

Notes:

1. All values specified are without connectors.
2. IL will increase 0.2dB when add one connector.
3. Customized service is available.

6、Package Dimension

Package Dimensions		Pigtail Style
Package A	3mm x 54mm stainless steel tube	250um bare filber
Package B	3mm x 60mm stainless steel tube	250um bare fiber or 900um loose tube
Package C	10mm x 20mm x 90mm ABS case	2mm,3mm cable or 900um loose tube
Package 1	18mm x 80mm x 120mm ABS case	
Package 2	10mm x 80mm x 100mm ABS case	
Package 3	3mm x 54(54~60)mm stainless steel tube	900um losse tube
Structure type