

# 1X2 FBT WDM Device

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## 1、Description

1x2 FBT WDM device is based on the fused biconical taper technology, which can make two optical fiber become fused biconical taper under high temperature, then after packaging it can add or drop the different optical wavelength signal.

## 2、Features

- High Channel Isolation, low Insertion Loss
- High Stability and reliability
- Material meet RoHS
- Meet GR 1209,GR 1221 requirement

## 3、Specification

Parameter	Min	Typical	Max
Passband Wavelength Range(nm)	1295~1325		
Reflection Wavelength Range(nm)	1535~1565		
Insertion Loss(dB)			0.3
Isolation(dB)	17		
Directivity(dB)	55		
Return Loss(dB)	55		
Polarization Dependent Loss (dB)			0.1
Polarization Mode Dispersion(ps)			0.1
Operating Temperature Range (°C)	-5~+70		
Storage Temperature Range(°C)	-40~85		

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Optical fiber type	Corning SMF 28e+ or equal(customized)
Optical fiber length(m)	≥1.0(customized)
Package dimension (mm)	Steel Tube: 3.0x56

### 4、 Application

- CATV Systems
- Network Monitoring
- Test Equipment
- Telecommunications