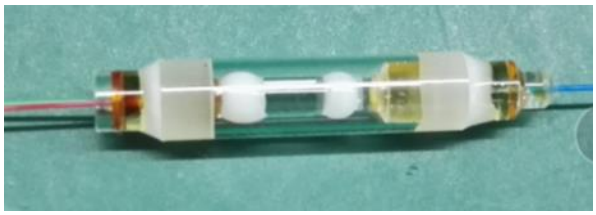
1X2 FWDM Device



1、Description

1x2 FWDM device is based on the thin film filter technology, which can add or drop different optical wavelength in the optical network, the isolation and narrow width wavelength separating ability is high.

2、Features

- High Channel Isolation, low Insertion Loss
- Epoxy free on optical path
- High Stability and reliability
- Material meet RoHS
- Meet GR 1209,GR 1221 requirement

3、Specification

Parameter	Min	Typical	Max
Working Wavelength Range(nm)	1260~1650		
Passband Wavelength (nm)	1260~1360(customized)		
Relection wavelength(nm)	1460~1650(customized)		
Pass Channel Insertion Loss (dB)			0.6
Reflection Channel Loss (dB)			0.4

Ripple(dB)			0.3
Pass Channel Isolation(dB)	40		
Reflection Channel Isolation(dB)	15		
Directivity(dB)	50		
Return Loss(dB)	45		
Polarization Dependent Loss (dB)			0.1
Polarization Mode Dispersion(ps)			0.1
Maximum Optical Power (mW)	300		
Operating Temperature Range (℃)	-5~+70		
Storage Temperature Range(℃)	-40~85		
Optical fiber type	Corning SMF 28e+ or equal(customized)		
Optical fiber length(m)	≥1.0(customized)		
Package dimension (mm)	All glass for bare fiber type Ø4.0x26 Steel tube for loose tube type Ø5.5x39		

4、Application

- FTTx
- NGPON
- Broadband Networks
- Optical Add/Drop Multiplexing
- Telecommunications
- Metro Networks
- CATV Systems