Six Port Dense Wavelength Division Multiplex

Product Description

Dense Wavelength Division Multiplexer (DWDM) is based on thin-film filter technology.It has been mainly used in fiber optic backbone net , under the given information transmission capacity, can reduce the total number of the optical fiber you need. Based on DWDM network can be a laser on the channel in different speeds of different types of data traffic, can quickly respond to changing customer's bandwidth requirements and agreement.

Main Features

- Telcordia GR1221,RoHS Compliant
- Optical path epoxy free and excellent thermal stability
- Low insertion loss and high isolation

Application

- WDM System
- Add/Drop System
- CATV Network
- Metro/Access Networks

Technical Specifications

Optic Performance						
Parameter		Unit		Specification		
Center Wavelength		nm		CH20 ~ CH60		
Optical Operating Wavelength		nm		1520~1570		
Channel Spacing		nm		100G Hz		200G Hz
Center Wavelength Accuracy		nm		±0.05		
Pass Band		nm		± 0.11		± 0.25
Reflect Band		nm		Wavelength with other Channel		
Insertion Loss	Pass (C→T)@PB	Max	dB	0.80		0.90
	Reflect (C→R)@SB	Max	dB	0.50		
Isolation	Adjacent Channel	Min	dB	25		
	Non-Adjacent Channel	Min	dB	40		
	Reflect Channel	Min	dB	12		
Ripple		Max	dB	0.30		
Temperature Dependent Loss		Max	dB	0.30		
Polarization Dependent Loss		Max	dB	0.20		
Return Loss		Min	dB	45		
Directivity		Min	dB	50		
Polarization Mode Dispersion		Max	Ps	0.10(DG)		
Operating Temperature		° C		-5~+75		
Storage Temperature		° C		-40~+85		
Maximum Power Handling		Max	mW	500		
Package Dimension (Φ*L)		Typ	mm	Customer request		

Notes: ①Specified without connectors. ②Add an additional 0.15dB loss per connector.