

LAN WDM Module



Product Introduction

LAN WDM module is based on thin film filter(TFF) technology and free space package technology. It is used to multiplex or de-multiplex 2- or 4-channel DWDM wavelengths in the range of 1260 ~ 1360nm.

Features

- Low insertion loss
- Ultra Mini size
- High reliability
- Optimized package for CFP transceiver modules

Applications

- Local area network
- Data network

Standards

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS

Specifications

Parameter	Unit	Specifications
Channel Number	NA	4
Operating Wavelength	nm	1260~1360
Channel Spacing	GHz	800
Add/Drop Wavelength (Channel)	nm	1295.56
		1300.06
		1304.58
		1309.14
Pass Band	nm	$\lambda_{cw} \pm 1.1$
Ripple over Pass Band	dB	≤ 0.5
Channel Insertion Loss	dB	2.0

Adjacent Channel Isolation	dB	25
Non-Adjacent Channel Isolation	dB	35
Return Loss	dB	45
Directivity	dB	50
PDL	dB	0.3
PMD	Ps	0.3
Power Handling	mW	300
Operating Temperature	°C	-5~+70
Storage Temperature	°C	-40~+85
Package Dimension(L × W × H)	mm	22×13×6

- Notes: 1. All the values are tested under room temperature.
2. The package dimension is for one mux or demux only.

Ordering Information

UMWDM-8-□-□-□-□-□-□

Application Type: M: Mux、D: Demux

Connector: 00: no connector、FC,SC,LC/PC,APC

Fiber Length: 1: 1.0m、customer specify

Fiber Dia.: 025: Φ0.25mm

Initial Channel Wavelength: 1295: 1295.56nm

Channel Number: 2: 2 channels、4: 4 channels