



## 400GHz Dense Wavelength Division Multiplexer

400GHz Dense Wavelength Division Multiplexer(**DWDM-4**) is designed to de-multiplex or multiplex signals in dense WDM System with four channel. Based on thin-film filter technology and optical path epoxy-free, the **DWDM-4** features low insertion loss, high isolation, superior environmental stability. **DWDM-4** meets Bellcore GR-1209-CORE requirements.

### Features of DWDM-4:

- 400GHz(3.2nm) channel spacing
- Low insertion loss
- High isolation
- Epoxy-free optical path

### Applications for DWDM-4:

- Dense WDM system
- Unidirectional/bi-directional systems
- CATV fiberoptic links

### Specifications

Channel Number	unit	4
Central Wavelength	nm	1549.32 ~ 1560.61, ITU-T Grid
Channel Passband	nm	$\geq 0.8$
Passband Flatness	dB	$\leq 1.0$
Insertion Loss	dB	typical 2.3, maximum 3.0
Adjacent Channel Isolation	dB	38
No-adjacent Channel Isolation	dB	$\leq 45$
Wavelength Thermal Stability	nm/°C	$\leq 0.003$
Insertion Loss Thermal Stability	dB/°C	$\leq 0.007$
Polarization Dependent Loss	dB	$\leq 0.2$
Return Loss	dB	$\geq 45$
Operation Temperature	°C	0 ~ 55
Storage Temperature	°C	-40 ~ +85



- Connectors: FC/UPC, FC/APC, SC/UPC or SC/APC
- Pigtail: Diam. 0.9mm
- Start Wavelength: ITU-T Grid

We have unbeatable low price for this product.