

50GHz Dense Wavelength Division Multiplexer

50GHz Dense Wavelength Division Multiplexer(**DWDM-0**) is designed to de-multiplex or multiplex signals in dense WDM System. Based on thin-film filter technology and light path epoxy-free, the **DWDM-0** features low insertion loss, high isolation and superior environmental stability. **DWDM-0** meets Bellcore GR-1221-CORE requirements.

Features of our DWDM-0:

- 50GHz(0.4nm) channel space
- Low insertion loss
- High isolation
- Epoxy-free optical path
- Optional upgrade port

Applications for our DWDM-0:

- Ultra Dense WDM system
- Unidirectional/bi-directional systems

Specifications:

Channel Number	Unit	160
Central Wavelength	nm	C+L Band, ITU-T Grid
Passband Width@0.5dB	nm	≥ 0.1
Passband Flatness	dB	≤ 0.5
Insertion Loss	dB	Typ. 8.5, Max. 9.0
Adjacent Channel Isolation	dB	≥ 25
Non-adjacent Channel Isolation	dB	≥ 30
Wavelength Thermal Stability	nm/°C	≤ 1
Insertion Loss Thermal Stability	dB/°C	≤ 0.008
Polarization Dependent Loss	dB	≤ 0.2
Return Loss	dB	≥ 45
Operation Temperature	°C	0 ~ 65

Storage Temperature	°C	-40 ~ +85
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Ordering information:

- Connectors: FC/UPC, FC/APC, SC/UPC, or SC/APC
- Pigtail: Diam. 0.9mm or 0.25mm
- Start Wavelength: ITU-T Grid
- Application type: M: Multiplex or D: Demultiplex

We have unbeatable price for this product.

- Price is updating, please make a request for our most recent price by calling (514) 334-4588 or by emailing sales2@o-eland.com