

DWDM: DenseWave Division Multiplexer

Description:

FIBERONE provides 100 GHz and 200 GHz DWDM multiplexer and demultiplexer modules for ITU channel applications. Utilizing thin film filter technology and epoxy free optical paths 2, 4, and 8 channel products are available. Utilizing an industry standard LGX style module, each DWDM product is available with a variety of connector options.



Features:

- ITU Grid Channels
- 100 & 200 GHz Spacing
- Convenient LGX Style
- Upgrade Options Available

Specifications:

Center Wavelength ITU Grid / Customer Specify	2 - Channel	4 - Channel	8 - Channel
Channel Spacing	1470 – 1610 nm		
Channel Passband	> 0.3 nm		
Return Loss	> 50 dB		
Adjacent Channel Isolation	> 25 dB		
Non-Adjacent Channel Isolation	> 40 dB		
Thermal Drift	< 0.005 nm / °C		
Thermal Stability	< 0.006 dB / °C	< 0.007 dB / °C	< 0.008 dB / °C
Channel Uniformity	< 1.5 dB	< 1.5 dB	< 2.0 dB
Polarization Dependent Loss	< 0.1 dB		
Maximum Power Handling	250 mW		
Operating Temperature	0 to + 60 °C		
Storage Temperature	- 40 to + 80 °C		