



### Dense Wavelength Division Multiplexer

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

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		