

C-CWDM: Compact Coarse Wave Division Multiplexer

Description:

FIBERONE® provides Compact Coarse Wave Division Multiplexers (C-CWDM) that offer bandwidth capacity expansion for future network growth in small packages. Its unique design allows for installation in splice trays, optical nodes, or modular formats for easy integration into fiber networks and equipment.



Features:

- Custom 4 or 8 Channels
- Compact Design
- Low Insertion Loss
- Telecordia GR-1209 & GR-1221 Compliant
- High Adjacent Channel Isolation
- Multiple Connector Options

Specifications:

Package Dimensions	Four Channel 44 x 25 x 6 mm	Eight Channel 58 x 30 x 8 mm
Fiber Type	Single-Mode Fiber	
Center Wavelength	ITU Channels - nm	
Channel Spacing	20 nm	
Passband	CW 6.5 nm	
Max Insertion Loss –Without Connector	Four Channel: 1.0 dB	Eight Channel: 1.5 dB
Adjacent Channel Isolation (min.)	- 30 dB	
Non-Adjacent Channel Isolation (min.)	- 45 dB	
Polarization Dependent Loss	0.2 dB	
Directivity	- 55 dB	
Return Loss	- 45 dB	
Polarization Mode Dispersion	0.2 ps	
Operating Temperature	- 10 to + 70 (°C)	
Storage Temperature	- 40 to + 85 °C	