

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
- Telcordia 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 | |