

200GHz DWDM Module (DWDM)

| Features | Application |
|---|---|
| Low Insertion Loss High Channel Isolation High stability and reliability Epoxy Free Optical Path | DWDM Network Wavelength Routing Fiber Optical Amplifier CATV Fiberoptic System |

Specifications

| Parameter | | 4 ch | 8 ch | 16ch |
|---|-------|--|----------|---------|
| Channel Wavelength (nm) | | ITU 200 GHz Grid | | |
| Center Wavelength Accuracy (nm) | | ± 0.1 | | |
| Minimum Channel Spacing (GHz) | | 200 | | |
| Channel Passband (@-0.5dB bandwidth) (nm) | | > 0.5 | | |
| Insertion Loss (dB) | | < 1.5 | < 3.0 | < 6.0 |
| Channel Uniformity (dB) | | < 1.0 | < 1.0 | < 2.5 |
| Channel Ripple (dB) | | < 0.5 | | |
| Isolation | Mux | Adjacent | N/A | |
| | | Non-adjacent | N/A | |
| | Demux | Adjacent | > 30 | |
| | | Non-adjacent | > 40 | |
| Insertion Loss Temperature Sensitivity (dB/°C) | | < 0.003 | | |
| Wavelength Temperature Shifting (nm/°C) | | < 0.002 | | |
| Polarization Dependent Loss (dB) | | < 0.10 | < 0.15 | |
| Polarization Mode Dispersion (ps) | | < 0.10 | | |
| Directivity (dB) | | > 50 | | |
| Return Loss (dB) | | > 45 | | |
| Power Handling (mW) | | 300 | | |
| Operating Temperature (°C) | | 0 ~+70 | | |
| Storage Temperature (°C) | | -40 ~+85 | | |
| Package Dimension (mm) | | 100x80x10(ABS box); 110 x 95 x 7.5 (Metal Box) | | |

Ordering Information:

| DWDM | Type | Spacing | Channel Number | 1 st ITU Channel | Pigtail Type | Fiber Type | Length | Connector |
|------|------------------|----------|---------------------------|--|-----------------------------------|------------|--------------------|---|
| | M=Mux D=Demux | 2=200GHz | 4=4ch 8=8ch 16=16ch | 21=21ch 22=22ch 60=60ch | 900=900um 2000=2mm 3000=3mm | 1=SMF-28e | 1= 1m X=Specify | NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC XX=Other |