



Opto-Link
Corporation Ltd

Polarization Maintaining CWDM

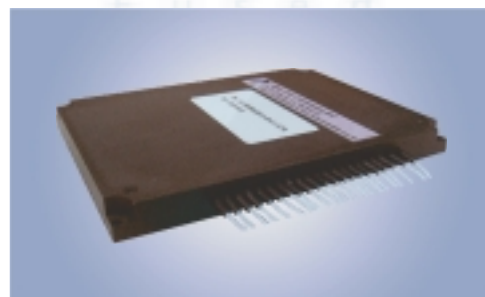
Polarization Maintaining Coarse Wavelength Division Multiplexer (PMCWDM) uses thin film filter (TFF) technology to provide wide passband, low insertion loss and high channel isolation with high polarization extinction ratio. Furthermore, this device can preserve the polarization of optical signals. It can be applied in optical communication system.

Applications

- Optical Network
- Communication System

Features

- Low Insertion Loss
- Wide Passband
- High Extinction Ratio



SPECIFICATIONS

| Parameters | Values | Units |
|---|---------------------|-------|
| Center Wavelength (CWL) | 1510/1530/1550/1570 | nm |
| Channel Spacing | 20 | nm |
| Channel Number | 4 | -- |
| Passband | CWL +/-6.5 | nm |
| Insertion Loss Over Passband | < 1.8 | dB |
| Insertion Loss Uniformity | 1.0 | dB |
| Channel Isolation | > 25 | dB |
| Extinction Ratio (Input to Output Port) | > 17 | dB |
| Return Loss | > 50 | dB |
| Directivity | > 50 | dB |
| Thermal Stability | < 0.006 | dB/°C |
| Handling Power | 300 | mW |
| Fiber Type | PM Panda Fiber | -- |
| Operation Temperature | -5 to +70 | °C |
| Storage Temperature | -40 to +85 | °C |
| Dimensions | 160 x 140 x 10 | mm |

*Above specifications are for device without connectors.

ORDERING CODES

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| Channel Space | Code |
|---------------|------|
| 20nm | 20 |
| Specify | X |

| Channel Number | Code |
|----------------|------|
| 4 Channel | 4 |
| 8 Channel | 8 |
| Specify | X |

| Start Wavelength | Code |
|------------------|------|
| 1510nm | 151 |
| Specify | X |

| Fiber Type | Code |
|-------------------|------|
| 250um Panda Fiber | 25 |
| 400um Panda Fiber | 40 |
| 900um loose tube | 90 |
| Others | XX |

| Application Type | Code |
|---------------------------|------|
| Multiplexer | M |
| Demultiplexer | D |
| Multiplexer/Demultiplexer | M/D |

| Connector Type | Code |
|----------------|------|
| No Connector | NC |
| FC/UPC | FU |
| SC/UPC | SU |
| FC/APC | FA |
| SC/APC | SA |
| Others | XX |