

## Model OT-CWDM-8 8-Channel CWDM

### Features / Benefits



### APPLICATIONS

- Metro Edge System
- Optical Fiber Device
- Optical Fiber Amplifier System
- Wideband Networks

### FEATURES

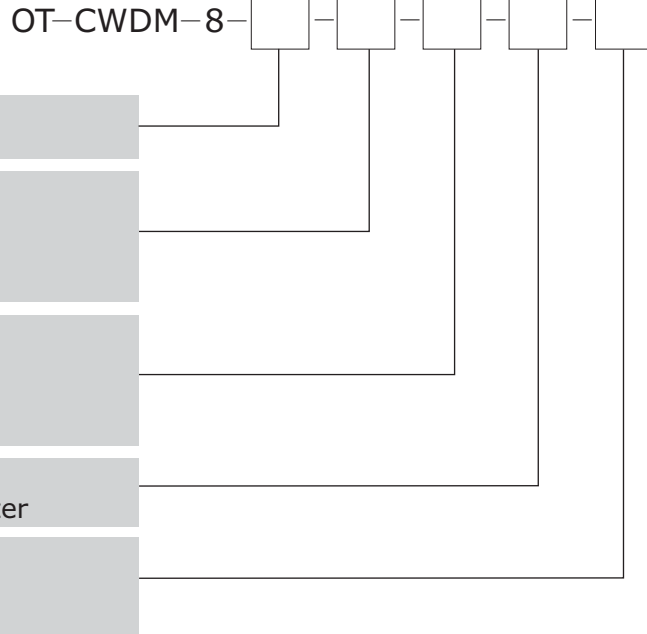
- Epoxy Free
- Low Insertion Loss
- High Reliability and Stability
- Polarization Independent

### Operating Specifications

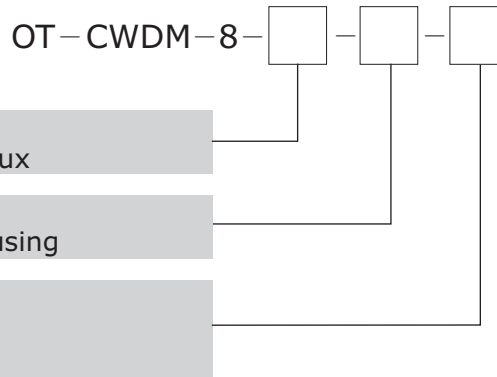
| Parameter                          | Units | Specification  |
|------------------------------------|-------|--|
| Center Wavelength ( $\lambda_c$ )  | nm    | 1470, 1490, ~1610  |
| Channel Spacing                    | nm    | 20   |
| 0.5 dB Pass Band                   | nm    | 15   |
| Ripple of Pass Band                | dB    | 0.4  |
| Typ. Insertion Loss                | dB    | 3.6  |
| Max. Insertion Loss                | dB    | 4.5  |
| Min. Isolation of Adjacent Ch.     | dB    | 25   |
| Min. Isolation of Non-Adjacent Ch. | dB    | 40   |
| Min. Directivity                   | dB    | 55   |
| Max. Polarization Dependent Loss   | dB    | 0.2  |
| Min. Return Loss                   | dB    | 45   |
| Max. Polarization Mode Dispersion  | ps    | 0.1  |
| Max. Thermal Stability             | dB/°C | 0.007  |
| Max. Optical Power                 | mW    | 250  |
| Operating Temperature              | °C    | 0 to +65   |
| Storage Temperature                | °C    | -40 to +85   |
| Package Dimensions                 | mm    | O: 100 x 80 x 9<br>L: 120 x 80 x 8<br>P: 136 x 100 x 12<br>Z: 140 x 35 x 194 |

## Ordering Information

### Standalone



### OTCP Housing



Data sheets and performance may be updated without notice.