

# 0302 CWDM MUX



W4103-S

## 4-Channel CWDM OADM Module, 1270 nm to 1610 nm

This module offers a full range of CWDM Mux-Demux and Optical Add Drop Multiplexer (OADM) units to suit all kinds applications of and network solutions. Some of the most common ones are: Gigabit & 10 G Ethernet, SDH/SONET, ATM, FTTx and HFC.

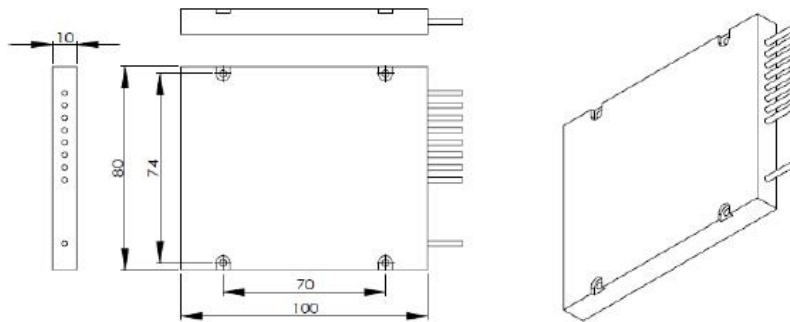
### FEATURES

- Low Insertion Loss
- Wide Pass Band
- High Channel Isolation
- High Stability and Reliability
- Epoxy Free Optical Path
- Compact Size

### USE IN

- Line Monitoring
- WDM Network
- Telecommunication
- Cellular Application
- Fiber Optical Amplifier
- Access Network

### MECHANICAL DRAWING



unit:mm

Channel Number	4 CH
Center Wavelength	1270 nm to 1610 nm
Passband	±6.50 nm min.
Ripple in Passband	0.3 dB max.
Isolation Adjacent	30 dB min.
Isolation Non-adjacent	40 dB min.
Insertion Loss (Channels)	1.50 dB max.
Polarization Dependent Loss	0.10 dB max.
Polarization Mode Dispersion	0.10 ps max.
Return Loss	45 dB min.
Directivity	50 dB min.
Power Handling	300 mW max.
Operating Temperature	-5°C to +75°C
Dimension	100x80x10 mm

**Order notes to our customers:** The default parameters are as follows. For special needs, please contact sales.

**1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.**

**2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.**