

# CWDM9MD2 CWDM 9Ch Multiplexer, Demultiplexer

1451nm ~ 1611nm

Uses 9wavelengths from 1451nm to 1611nm with a channel spacing 20nm.  
 Multiplex/de-multiplex up to 9 optical channels and send or receive onto a single optical fiber.  
 Combine with FOC-182 to expand 18 optical channels. Compact and slim design as well as rack-mountable.

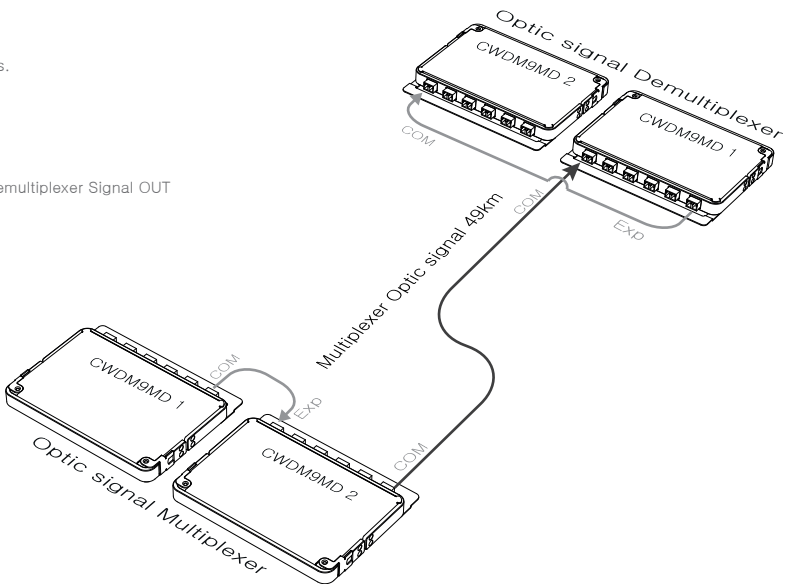
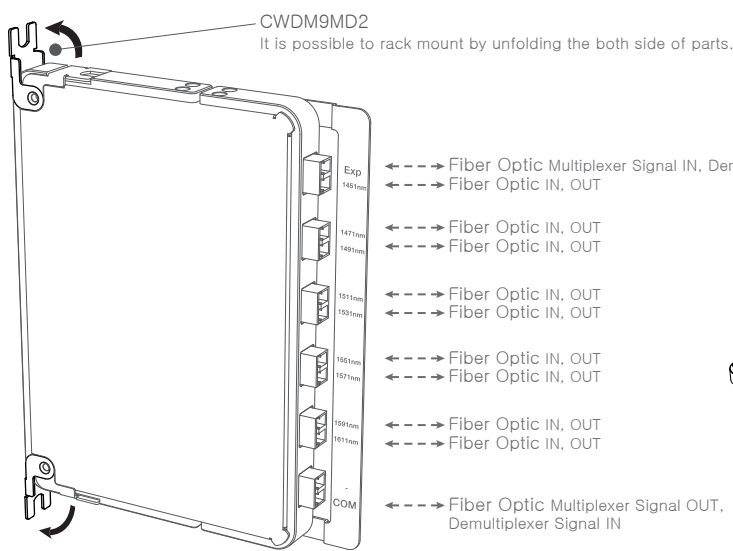


## INFORMATION

Features 1
9x Fiber Optic I/O channels (1 through 9)
Center Frequencies taken from ITU-T G694.2
1451,1471,1491,1511,1531,1551,1571,1591,1611nm
1 X COM(common) connection = multiplexed I/O
1 X Exp(Upgrade) I/O connection
(Pass band connection to CWDM2MD1 module)
LC/PC connectors SMF (Single mode)
Channel Insertion loss : 2.7dB
Exp Insertion loss : 2.7dB
Polarization dependant loss : max 0.2dB
Return Loss : > 45dB

Features 2
Isolation (to adjacent channel) : > 30dB
Directivity : > 55dB
Temp. dependant loss : < 0.005dB/°C
Temp. dependant change of wavelength : < 0.003nm/°C
Max. input power : 500mw
Single or full duplex operation

Miscellaneous and Electrical	
Power	None required (passive operation)
Size	182mm X 144.6mm X 17.4mm (HxWxD)
Weight	Approx. 290g



## Fiber Optic Family

- SDI Fiber TX, RX**
- 3GFT11 SDI to Fiber Optic Transmitter
  - 3GFR11 Fiber Optic to SDI Receiver
  - 3GFT11D SDI to Dual Fiber Optic Transmitter
  - 3GFT11C CWDM SDI to Fiber Optic Transmitter (1271nm ~ 1611nm)

- 2Ch Digital Audio Fiber TX, RX**
- AEST11 AES/EBU to Fiber Optic Transmitter
  - AESR11 Fiber Optic to AES/EBU Receiver
  - AEST11D AES/EBU to Dual Fiber Optic Transmitter
  - AEST11C CWDM AES/EBU to Fiber Optic Transmitter (1271nm ~ 1611nm)

- CWDM Multiplexer, Demultiplexer & 2RU Frame**
- CWDM9MD1 CWDM 9Ch Multiplexer, Demultiplexer 1271nm ~ 1431nm
  - CWDM9MD2 CWDM 9Ch Multiplexer, Demultiplexer 1451nm ~ 1611nm
  - FOC-182 18Ch Fiber Optic Converter Frame

