

Features

- Housed in 1-RMU (1.75 in height) shelf
- Rack Mountable in 19" or 23" racks
- 8-Channel communication on 2 network fibers
- Built-in Mux and Demux in one unit
- Simple to install, requires no configuration or maintenance
- High reliability, MTBF 650 yrs
- Telcordia GR-1209 and GR-1221 qualified
- Epoxy-free in optical path
- Completely passive
- no power required
- no cooling required,
- environmentally friendly
- Low insertion loss - high isolation
- Disassembles easily for cleaning
- Fully transparent at all data rates and protocols
- Accepts any data rate and any protocol on any port up to 10 Gbps, also 40 Gbps (DPSK, DQPSK) and 100 Gbps (DP-QPSK)
- Warranty 5 years

Applications

- Any equipment using ITU-T CWDM optics
- Routers and Switches with fiber connections
- SONET OC-3 to OC-768
- SDH STM-1 to STM-256
- GigE, 10GigE, 40GigE
- CWDM GBIC, SFP, & XFP , Xenpak
- ATM
- SAN, Fiber Channel

Compatibility

- Fully compatible with all ITU-T CWDM optics
- Compatible with lightwave equipment including, Cisco, Nortel, Alcatel, Ciena, Fujitsu, MRV etc.
- Equivalent with Cisco Part# CWDM-MUX8A=

Specifications

Mux Demux pair

Center wavelengths	1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611 nm
Channel bandwidth	+/- 6.5 nm
Insertion loss matched mux/demux pair (max)	4.0 dB
Insertion loss single unit (max)	3.5 dB
Isolation (min)	28.0 dB
Polarization dependent loss (max)	0.2 dB
Directivity (min)	50.0 dB
Ripple in passband (max)	0.5 dB
Operating temperature	-5° to +70° C
Connectors	Dual LC or SC

List price

Product code

TCWM-08MD-02-20-1471-1611-LCU-x*

* add C to Product code for Cisco equivalent CWDM-MUX8A which adds monitor ports to the product

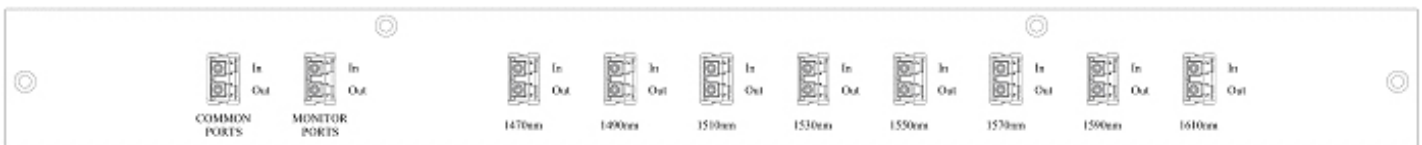


Figure 1: Faceplate drawing (faceplate may not be exactly as shown)