

Features

- Housed in 1-RMU (1.75 in height) shelf
- Rack Mountable in 19" or 23" racks
- 4-Channel communication over 2 network fibers (dual unit) or 2-channel communication over 1 fiber (single unit)
- Dual unit has built-in Mux and Demux in one unit
- Simple to install, requires no configuration or maintenance
- High reliability, MTBF > 100 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
- Front panel pulls out for easily 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)
- Available with LC, SC or FC connectors
- Warranty 5 years

Applications

- Any equipment using ITU-T CWDM transceivers
- Routers and Switches with fiber connections
- SONET, SDH
- GigE, 10 GigE, 40 GigE
- RF, video, CATV, telemetry
- GBIC, SFP, XFP, Xenpak
- SAN, Fibre Channel
- Ethernet over fiber
- ATM over fiber

Compatibility

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

Specifications

Mux/Demux pair

Standard Channels (custom available)	1551, 1571, 1591, 1611 nm
Channel Bandwidth	+/- 6.5 nm
Insertion Loss Mux/Demux pair (max)	2.9 dB
Isolation adjacent channel (min)	30.0 dB
Isolation nonadjacent channel (min)	40.0 dB
Polarization Dependent Loss (max)	0.1 dB
Directivity (min)	50.0 dB
Ripple in Passband (max)	0.5 dB
Operating Temperature	-30 to +70 °C
Connectors	LC, SC, FC
Single unit Product Code	TCWM-04W-01-20-1531-1591-LCU-LTemp
Dual unit Product Code	TCWM-04W-02-20-1531-1591-LCU-LTemp

For more information, call a Customer Representative
at 1.888.250.1562

All prices listed are in US Dollars and are subject to
change without notice.