

CWDM Lite™ 16 and 18 Channel CWDM Multiplexer

- Housed in 1-RMU (1.75 in height) shelf
- Rack mountable in 19" or 23" racks
- Simple to install, requires no configuration
- Completely passive, no power required, no cooling
- Built in Mux and Demux in one unit
- Low insertion loss - high isolation
- Fully universal (bidirectional operation on any port)
- Environmentally friendly
- Operating temperature: -5° to +70° C
- Disassembles easily for cleaning
- Fully transparent at all data rates and protocols
- High reliability, MTBF > 100 yrs
- Accepts any data rate and any protocol on any port up to 10 Gbps, also 40 Gbps (DPSK, DQPSK) and 100 Gbps (DP-QPSK)
- Telcordia GR-1209 and GR1221 qualified
- Epoxy-free in optical path
- Warranty of 5 years

Applications

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

Compatibility

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

CWDM Lite™ 16-Channel CWDM Multiplexer

Specifications

Channel center wavelengths	1311, 1331, 1351, 1371, 1391, 1411, 1431, 1451, 1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611 nm
Channel bandwidth	+/- 6.5 nm
Insertion Loss mux/demux pair (max)	4.8 dB
Isolation (min)	30.0 dB
Polarization Dependent Loss (max)	0.2 dB
Directivity (min)	50.0 dB
Product Code	TCWM-16W-02-20-1311-1611-LCU

CWDM Lite™ 16-Channel CWDM Multiplexer



CWDM Lite™ 18-Channel CWDM Multiplexer

Specifications

Channel center wavelengths	1271, 1291, 1311, 1331, 1351, 1371, 1391, 1411, 1431, 1451, 1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611 nm
Channel bandwidth	+/- 6.5 nm
Insertion Loss mux/demux pair (max)	5.2 dB
Isolation (min)	30.0 dB
Polarization Dependent Loss (max)	0.2 dB
Directivity (min)	50.0 dB
Product Code	TCWM-18W-02-20-1271-1611-LCU

CWDM Lite™ 18-Channel CWDM Multiplexer



For more information or a quote, call a Customer Representative at 1.888.250.1562