Features of Product Line

- Housed in 1-RMU (1.75 in height) shelf
- Rack Mountable in 19” or 23” racks
- Easy to install, requires no configuration
- Completely passive, no power & no cooling required
- Low insertion loss - high isolation
- Disassembles easily for cleaning
- Fully Universal (bidirectional operation on any port)
- Telcordia GR-1209 and GR1221 qualified
- Can be used on 2 or 1 fiber spans
- Fully transparent at all data rates and protocols
- High reliability, MTBF >100 years
- Accepts any data rate and any protocol on any port up to 10 Gbps, also 40 Gbps (DPSK, DQPSK) and 100 Gbps (QP- QPSK)
- Epoxy-free in optical path
- Connectors Ultra Polished FC/SC or Angle Polished FC/SC
- Operating temperature -5° to +70 °C

Applications

- Any equipment using ITU-T G.694.2 CWDM optics
- CWDM SONET/SDH OC-3 to OC-768 / STM-1 to STM-256
- CWDM GigE, 10GigE, 40GigE
- Routers and Switches with optical interfaces
- CWDM Xenpak
- CWDM GBIC, SFP, & XFP
- ATM over fiber
- and many more...

### CWDM Lite ™ 4-Channel

**Specifications**

Select 4 wavelengths 1271, 1291, 1311, 1331, 1351, 1371, 1391, 1411, 1431, 1451, 1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611 nm

Channel bandwidth (min) ± 6.5 nm

Insertion loss mux/demux pair(max) 3 dB

Isolation (min) 30.0 dB

Polarization dependent Loss (max) 0.1 dB

Directivity (min) 50 dB

Ripple in passband (max) 0.5 dB

Product code TCWM-04W-01-20-xx-yy-cc

### CWDM Lite ™ 8-Channel

**Specifications**

Wavelengths 1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611 nm

Channel Bandwidth (min) ± 6.5 nm

Insertion loss mux/demux pair(max) 4.0 dB

Isolation (min) 30.0 dB

Polarization Dependent Loss (max) 0.2 dB

Directivity (min) 50.0 dB

Ripple in Passband (max) 0.5 dB

Product Code TCWM-08W-01-20-1471-1611-cc

### CWDM Lite ™ 16-Channel

**Specifications**

Wavelengths 1271, 1291, 1311, 1331, 1351, 1371, 1391, 1411, 1431, 1451, 1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611 nm

Channel Bandwidth (min) ± 6.5 nm

Insertion loss mux/demux pair(max) 4.0 dB

Isolation (min) 30.0 dB

Polarization Dependent Loss (max) 0.2 dB

Directivity (min) 50.0 dB

Product Code TCWM-16W-01-20-xx-yy-cc

*Notes

xx First Avail. Wavelength

yy Last Avail. Wavelength

SCU: Ultra Polish SC

SCA: Angled Polish SC

FCU: Ultra Polish FC

FCA: Angled Polish FC

LC: LC connector

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.