

## 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 (DP-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- <u>xx-yy-cc</u>

### 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- <u>cc</u>

### 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)	5.5 dB
Isolation (min)	30.0 dB
Polarization Dependent Loss (max)	0.2 dB
Directivity (min)	50.0 dB
Product Code	TCWM-16W-01-20- <u>xx-yy-cc</u>

#### \*Notes

<u>xx</u>	First Avail. Wavelength	<u>cc</u>	SCU: Ultra Polish SC
<u>yy</u>	Last Avail. Wavelength		SCA: Angled Polish SC
			FCU: Ultra Polish FC
			FCA: Angled Polish FC
			LC: LC connector

### CWDM Lite 8-CHANNEL



### CWDM Lite 16-CHANNEL



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.