

## Features of Product Line

- 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
- Low insertion loss - high isolation
- Disassembles easily for cleaning
- Fully Universal (bidirectional operation on any port)
- Can be used on 2 (dual unit) or 1 fiber spans
- Fully transparent at all data rates and protocols
- High reliability, MTBF 1000 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
- Available with LC, SC, FC connectors

## Applications

- Any equipment using 200 GHz or 100 GHz ITU-T optics
- SONET/SDH OC-3 to OC-768, STM-1 to STM-256
- Routers and Switches with optical DWDM interfaces
- GBIC, SFP, & XFP
- Xenpak
- Ethernet over fiber
- ATM over fiber
- and many more...

### DWDM Lite <sup>TM</sup> Dual 4-Channel

Specifications	100 GHz Spacing	200 GHz Spacing
Available Wavelengths	100 GHz Wavelengths	200 GHz Wavelengths
Channel Bandwidth (min)	0.11 nm	0.5 nm
Insertion Loss mux and demux pair	3.0 dB	3.0 dB
Isolation (min)	30.0 dB	30.0 dB
Polarization Dependent Loss (max)	0.1 dB	0.1 dB
Directivity (min)	55.0 dB	50.0 dB
Operating Temperature	-5° to +70° C	-5° to +70° C
Product Code	TDWM-04W-02-100- <u>xx</u> - <u>yy</u> - <u>cc</u>	TDWM-04W-02-200- <u>xx</u> - <u>yy</u> - <u>cc</u>

### DWDM Lite Dual 4-Channel



### DWDM Lite <sup>TM</sup> Dual 8-Channel

Specifications	100 GHz Spacing	200 GHz Spacing
Available Wavelengths	100 GHz Wavelengths	200 GHz Wavelengths
Channel Bandwidth (min)	0.11 nm	0.5 nm
Insertion Loss mux and demux pair	4.5 dB	4.0 dB
Isolation (min)	30.0 dB	30.0 dB
Polarization Dependent Loss (max)	0.1 dB	0.1 dB
Directivity (min)	55.0 dB	55.0 dB
Operating Temperature	-5° to +70° C	-5° to +70° C
Product Code	TDWM-08W-02-100- <u>xx</u> - <u>yy</u> - <u>cc</u>	TDWM-08W-02-200- <u>xx</u> - <u>yy</u> - <u>cc</u>

### DWDM Lite 8-Channel



### DWDM Lite <sup>TM</sup> Dual 16-Channel

Specifications	100 GHz Spacing	200 GHz Spacing
Available Wavelengths	100 GHz Wavelengths	200 GHz Wavelengths
Channel Bandwidth (min)	0.11 nm	0.5 nm
Insertion Loss mux and demux pair	6.0 dB	5.5 dB
Isolation (min)	30.0 dB	30.0 dB
Polarization Dependent Loss (max)	0.4 dB	0.2 dB
Directivity (min)	55.0 dB	55.0 dB
Operating Temperature	-5° to +70° C	-5° to +70° C
Product Code	TDWM-16W-02-100- <u>xx</u> - <u>yy</u> - <u>cc</u>	TDWM-16W-02-200- <u>xx</u> - <u>yy</u> - <u>cc</u>

### DWDM Lite 16-Channel



### DWDM Lite <sup>TM</sup> 32-Channel

Specifications	100 GHz Spacing
Available Wavelengths	100 GHz Wavelengths
Channel Bandwidth (min)	ITU ± 0.11 nm
Insertion Loss, mux and demux pair	7.5 dB
Isolation (min)	30.0 dB
Polarization Dependent Loss (max)	0.4 dB
Directivity (min)	55.0 dB
Operating Temperature	-5° to +70° C
Product Code	TDWM-32W-01-100- <u>xx</u> - <u>yy</u> - <u>cc</u>

For more information and pricing, call a Customer Representative at 1.888.250.1562

#### \*Notes

- xx First Avail. Wavelength: ITU Grid Channel #
- yy Last Avail. Wavelength: ITU Grid Channel #
- cc SCU: Ultra Polish SC  
SCA: Angled Polish SC  
FCU: Ultra Polish FC  
FCA: Angled Polish FC  
LCU: Ultra Polish dual LC