

**CWDM Lite™ OADM Multiplexer**

Completely passive CWDM optical add/drop multiplexer. Add or drop 1 to 4 CWDM channels in either direction, all other CWDM channels pass through. Available as dual fiber or single fiber unit.

- 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)
- Operating Temperature -5° to +70° C
- Fully transparent for all protocols
- Accepts any data rate and any protocol on any port up to 10 Gbps, also 40 Gbps (DPSK, DQPSK)
- High reliability, MTBF > 50 yrs
- Telcordia GR-1209 and GR1221 qualified
- ISO 9001 manufacturing
- 1-4 channel optical add / drop CWDM multiplexer (Specify channels to be dropped in PO)

**Applications**

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

<b>CWDM Lite™ 1-Channel OADM, Single Fiber or Dual Fiber</b>	
<b>Specifications</b>	
Insertion Loss ea (max)	1.6 dB
Throughput Loss (max)	1.1 dB
Product Code	TCAD-01CH-01/02- <u>xx-cc</u>
<b>CWDM Lite™ 2-Channel OADM, Single Fiber or Dual Fiber</b>	
<b>Specifications</b>	
Insertion Loss ea (max)	1.9 dB
Throughput Loss (max)	1.5 dB
Product Code	TCAD-02CH-01/02- <u>xx-yy-cc</u>
<b>CWDM Lite™ 4-Channel OADM, Single Fiber or Dual Fiber</b>	
<b>Specifications</b>	
Insertion Loss ea (max)	2.7 dB
Throughput Loss (max)	1.2 dB
Product Code	TCAD-04CH-01/02- <u>xx-yy-cc</u>

**Single Fiber CWDM Lite™  
1 Channel OADM**



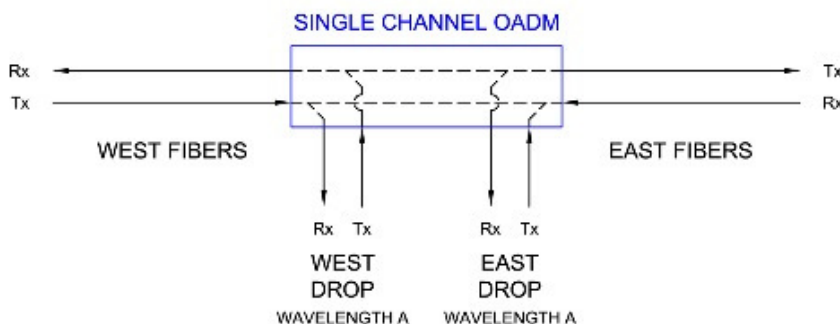
**Single Fiber CWDM Lite™  
2 Channel OADM**



**Single Fiber CWDM Lite™  
4 Channel OADM**



**CWDM  
OPTICAL ADD/DROP  
MODULE**



**Notes**

- xx First Avail. Wavelength: ITU Grid Channel #
- yy Last Avail. Wavelength: ITU Grid Channel #
- cc LCU: Ultra Polish dual LC  
SCU: Ultra Polish SC \*may not be available  
FCU: Ultra Polish FC \*may not be available

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