

T-SF-OADMx-xxxxyy DWDM SERIES

100GHz, DWDM Single Fiber OADMs



Photo: T-3009 & 3016

OVERVIEW

Smartoptics T-SF-OADMx-xxxxyy DWDM Optical Add Drop Multiplexer (OADM) units for use with a single strand of fiber. 1 or 2 channel modules are available. Can be used in a line terminating “east or west” configuration or “east and west” in a drop and continue configuration. Protocol transparent and suited to 10/1G Ethernet, 16/8/4/2/1G FC, SDH/SONET, Video, CATV, FTTx applications.

PRODUCT FEATURES

- 1 and 2 channel single fiber OADM modules
- Line terminal / East and West configurations
- Compliant to ITU G.694.2 and G.695
- Passive 1U design, no electric power required. (MTBF ca. 500 years)

ORDERING INFORMATION

Part number	Description
SF DWDM OADM East or West	
T-SF-OADM1-xxx-LT	1 ch. DWDM OADM, single fiber, 100GHz, East or West, Dxxx, IL A/D=1.2dB, IL BP=1.2dB, LC
T-SF-OADM2-xxxxyy-LT	2 ch. DWDM OADM, single fiber, 100GHz, East or West, Dxxx-Dyyy, SO ch. plan, IL A/D=1.8dB, IL BP=1.8dB, LC
SF DWDM OADM East and West	
T-SF-OADM1-xxxxyy	1 ch. DWDM OADM, single fiber, 100GHz, East and West, Dxxx-Dyyy, IL A/D=1.8dB, IL BP=1.8dB, LC
T-SF-OADM2-xxxxyy	2 ch. DWDM OADM, single fiber, 100GHz, East and West, Dxxx-Dyyy, SO ch. plan, IL A/D=2.2dB, IL BP=3.0dB, LC
Note:	
All modules are ½ size mounting units and require 19" mounting bracket sold separately	

Subject to change without notice.


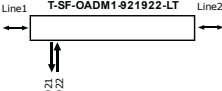

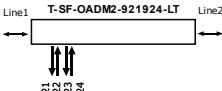

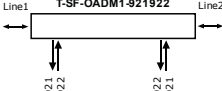

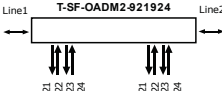
For more information visit smartoptics.com.

Wavelength plan

Smartoptics "4 skip 1" architecture wavelength plan is used. Example :-

T-SF-OADM2-921922-LT	2 ch. DWDM OADM, single fiber, 100GHz, East or West, Dxxx-Dxxx, SO ch. plan, IL Link=2.5 dB, LC
T-SF-OADM2-931934	2 ch. DWDM OADM, single fiber, 100GHz, East and West, Dxxx-Dxxx SO ch. plan, IL Link=2.5 dB, LC

GENERAL SPECIFICATIONS

Front View	Function	Specification
SF DWDM OADM East or West		
<p>T-SF-OADM1-xxxxyy-LT</p> 		<p>1 channel OADM (East or West)</p> <p>IL bypass channel: <1.2 dB IL add/drop channel: <1.2 dB</p>
<p>T-SF-OADM2-xxxxyy-LT</p> 		<p>2 channel OADM (East or West)</p> <p>IL bypass channel: <1.8 dB IL add/drop channel: <1.8 dB</p>
SF DWDM OADM East and West		
<p>T-SF-OADM1-xxxxyy</p> 		<p>1 channel OADM (East & West)</p> <p>IL bypass channel: <1.8 dB IL add/drop channel: <1.8 dB</p>
<p>T-SF-OADM2-xxxxyy</p> 		<p>2 channel OADM (East & West)</p> <p>IL bypass channel: <2.2 dB IL add/drop channel: <3.0 dB</p>