

T-3xxx CWDM TO DWDM EXPANSION MUX/DEMUX SERIES

100GHz, 8+8 channel, 10 channel and DWDM over cwdm multiplexers



Photo: T-3009 & T-3016

PRODUCT FEATURES

- CWDM investment preserved
- Up to 80 DWDM channels overlaid on an existing CWDM network
- 1U Low profile modular design
- Passive, no electric power required. (MTBF ca. 500 years)

OVERVIEW

Smartoptics T-3xxx series allow existing CWDM networks to be expanded further without having to disrupt or replace the existing network. The T-380x modules are 8+8 channel that add up to 16 channels in to the 1550 port of a CWDM system. The T-3810 is a 10 channel port that adds up to 10 channels in to the 1530nm port of a CWDM system. When used altogether, up to 26 additional channels can be added to an existing CWDM network. The T-3038 bandsplitter allows an existing CWDM network to be upgraded with access to the complete DWDM C-band.

ORDERING INFORMATION


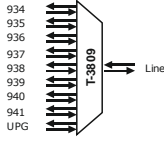

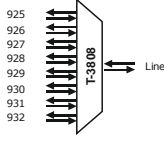

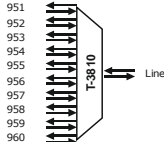
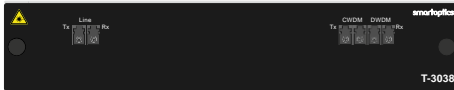
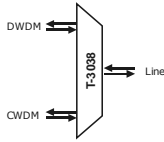
Part Number	Description
8+8 ch. DWDM Mux/Demux (can be used stand alone or in CWDM 1550nm channel)	
T-3809	8 ch. DWDM Mux/Demux, 100GHz, D934-D941, UPG Port, IL Link=5.0 dB, IL UPG=1.2dB, DWDM expansion port, LC
T-3808	8 ch. DWDM Mux/Demux, 100GHz, D925-D932, IL Link=3.8 dB, LC
10 ch. DWDM Mux/Demux (can be used stand alone or in CWDM 1530nm channel)	
T-3810	10 ch. DWDM Mux/Demux, 100GHz, D951-D960 SO ch. plan, IL Link=4.4 dB, LC
DWDM over CWDM expansion Mux/Demux	
T-3038	DWDMoCWDM Mux/Demux, D921-D960 over 1530/1550nm CWDM, IL Link=2.5 dB, 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.

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GENERAL SPECIFICATIONS

Front View	Function	Specification
8 + 8 channel DWDM expansion in CWDM channel 1550nm		
<p>T-3809</p> 		<p>8 channel DWDM Mux/Demux with DWDM expansion port suitable for 1550 nm CWDM channel</p> <p>934, 935, 936, 937, 938, 939, 940, 941 + UPG</p> <p>IL Link: <5.0 dB IL Link @ UPG: <1.0 dB</p>
<p>T-3808</p> 		<p>8 channel DWDM Mux/Demux suitable for 1550 nm CWDM channel expansion Mux/Demux for T-3809 (total IL=5.5 dB)</p> <p>925, 926, 927, 928, 929, 930, 931, 932</p> <p>IL Link: <3.8 dB</p>
10 channel DWDM expansion in CWDM channel 1530nm		
<p>T-3810</p> 		<p>10 channel DWDM Mux/Demux suitable for 1530 nm CWDM channel</p> <p>951, 952, 953, 954, 955, 956, 957, 958, 959, 960</p> <p>IL Link: <4.4 dB</p>
DWDM over CWDM expansion Mux/Demux		
<p>T-3038</p> 		<p>DWDMoCWDM Mux/Demux Operating wavelength spectrum 1260 nm - 1620nm</p> <p>IL Link: <2.5 dB Passband @ DWDM: 1528 nm – 1564 nm Passband @ CWDM: 1260 nm - 1518 nm & 1564 nm – 1620 nm</p>