

T-58XX DWDM MUX/DEMUX SERIES

50GHz, 40+40 channel DWDM Multiplexers



Photo: T-3832

PRODUCT FEATURES

- Multiplexing of up to 80 channels on fiber pair
- Low insertion loss
- Large passband bandwidth
- Compliant to ITU G.694.1
- 1U Low profile modular design
- Passive, no electric power required. (MTBF ca. 500 years)

DESCRIPTION

Smartoptics T-58xx series are 40+40 channel 50GHz DWDM Mux/Demux units. T-5841-E has a built in 50GHz interleaver module and when connected to the T-5840-O can handle up to 80 DWDM channels using tunable or 50GHz spaced transceivers. The T-5840-O model has a large passband bandwidth which offers the possibility to use 100GHz specified transceivers. All channels operate in the standard C-band of the fiber.

ORDERING INFORMATION

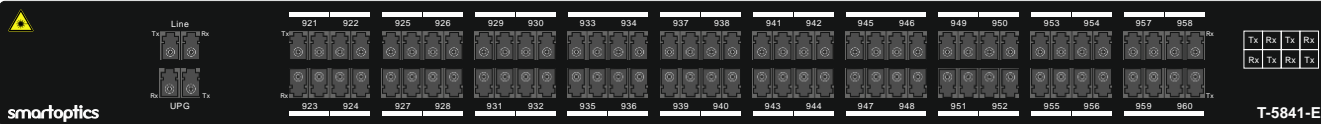
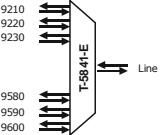

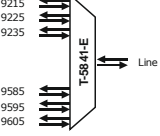
| Part Number | Description |
|----------------------|--|
| 50GHz DWDM Mux/Demux | |
| T-5841-E | 40 ch. DWDM Mux/Demux, 50GHz, D9210-D9600, IL Link=10dB, IL UPG=3.0dB DWDM expansion port with 50GHz Interleaver, LC |
| T-5840-O | 40 ch. DWDM Mux/Demux, 50GHz, D9215-D9605, IL=8dB, LC |

Subject to change without notice.

For more information visit smartoptics.com.

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GENERAL SPECIFICATIONS

| Front View | Function | Specification |
|--|---|---|
| <p>T-5841-E</p>  <p>smartoptics</p> |  | <p>40 channel DWDM Mux/Demux, DWDM expansion port Supporting DWDM channels 9210 -9600</p> <p>IL Link: <10dB IL Link @ UPG: <3dB (Interleaver upgrade with T-5840-O)</p> |
| <p>T-5840-O</p>  <p>smartoptics</p> |  | <p>40 channel DWDM Mux/Demux Supporting DWDM channels 9215 -9605</p> <p>IL Link: <8dB</p> |