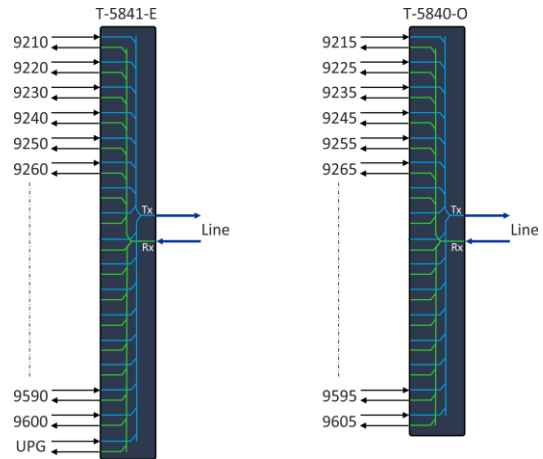


T-58xx DWDM MUX/DEMUX SERIES

50GHz, 40+40 channel DWDM Multiplexers



OVERVIEW

The T-58xx series consists of two 40-channel DWDM Mux/Demux units:

- M-5841-E covering the even 50GHz channels, plus an upgrade port.
- M-5840-O covering the odd 50GHz channels.

T-5841-E has a in-built 50GHz interleaver module and when connected to the T-5840-O they can support up to 80 DWDM channels using tunable or 50GHz spaced transceivers.

The even 50GHz channels covered by T-5840-E equals the standard 100GHz grid and the channel bandwidth of T-5840-E supports transceivers that operate at the 100GHz grid.

PRODUCT FEATURES

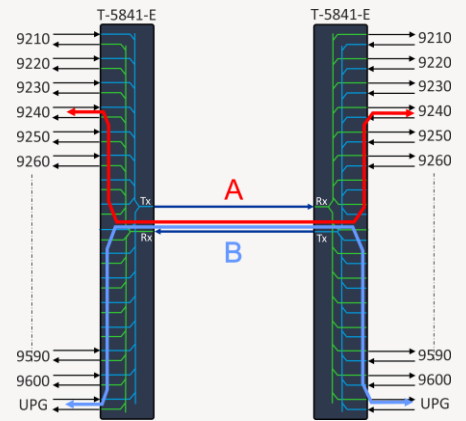
- Multiplexing of up to 80 channels on fiber pair
- Low insertion loss
- Large passband bandwidth
- Compliant to ITU G.694.1
- 1U Low profile modular design
- Passive, no electric power required. (MTBF ca. 500 years)

ORDERING INFORMATION

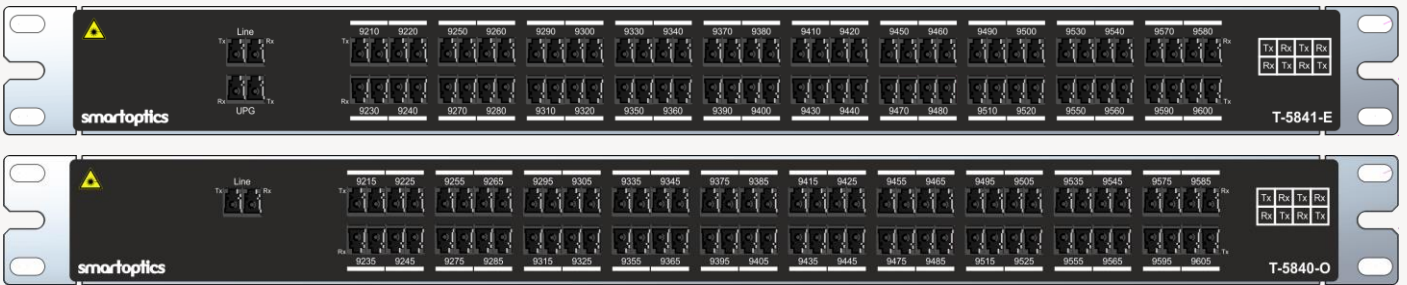
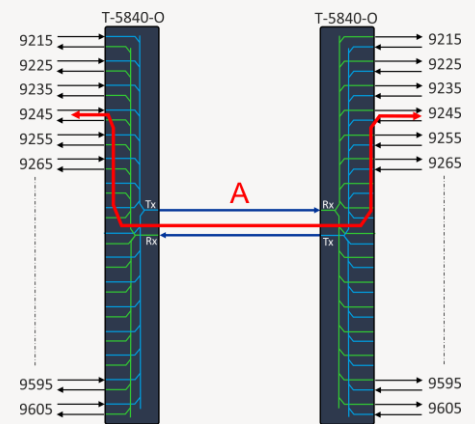
Part Number	Description
50GHz DWDM Mux/Demux	
T-5841-E	1RU, 19", D=191.5mm, 40ch DWDM Mux/Demux with Upg port, 50GHz even channels D9210-D9600, Link-loss ch=10dB, Link-loss Upg port=3.0dB, LC/UPC
T-5840-O	1RU, 19", D=191.5mm, 40ch DWDM Mux/Demux, 50GHz odd channels D9215-D9605, Link-loss ch=8.0dB, LC/UPC

GENERAL SPECIFICATIONS

T-5841-E	Unit	Value
Channels	THz	192.10 to 196.00
Number of channels	-	40
Channel spacing	GHz	50
Link loss, per channel (A)	dB	< 10.0
Link loss, UPG (B)	dB	< 3.0
Module width	mm	1RU, 19" rack mount
Connector type	-	LC/UPC
Mounting bracket	-	NA
Operating temperature	°C	0 to +70



T-5840-O	Unit	Value
Channels	THz	192.15 to 196.05
Number of channels	-	40
Channel spacing	GHz	50
Link loss, per channel (A)	dB	< 8.0
Module width	mm	1RU, 19" rack mount
Connector type	-	LC/UPC
Mounting bracket	-	NA
Operating temperature	°C	0 to +70



Both units are 19" rack mounted devices with a mounting depth of 191.5mm