

M-38xx-xxxxyy DWDM MUX/DEMUX SERIES

100GHz, 40, 32, 16, 8 channel DWDM Multiplexers



DESCRIPTION

Smartoptics M-38xx are a range of 100GHz DWDM protocol transparent Mux/Demux units. M-3840-M is a 40 channel low cost approach for short distances. M-3832-M is a loss optimized 32 channel approach suitable for Metro and Access networks. M-3817 and M-3809 have an additional DWDM expansion port so that additional channels can be seamlessly connected to increase capacity. M-3817 and M-3809 models can be combined for optimized traffic upgrade possibilities. All protocols are supported. Channels operate in the standard C-band of the fiber. The M-381x family follows the same wavelength plan as the M-Series intelligent DWDM multiplexer family.

PRODUCT FEATURES

- Multiplexing of up to 40 channels on fiber pair
- Follows M-Series wavelength plan
- Compliant to ITU G.694.1
- 1U Low profile modular design
- Passive, no electric power required. (MTBF ca. 500 years)

ORDERING INFORMATION

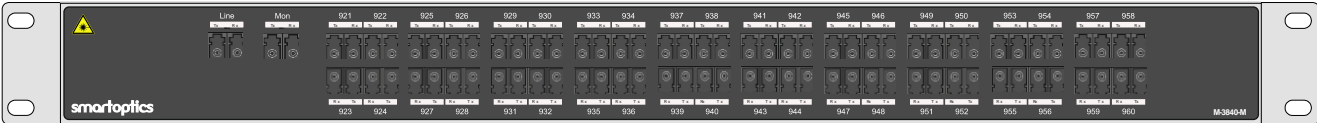
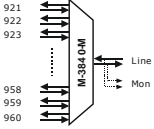
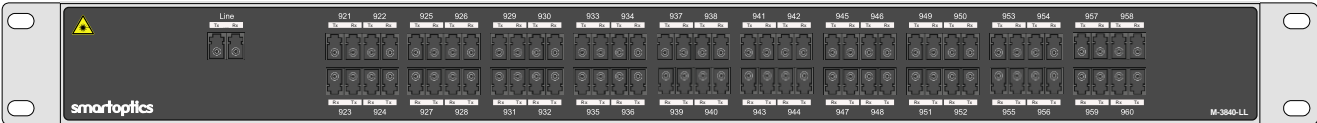
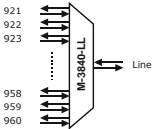

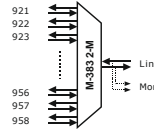

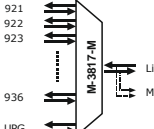
Part Number	Description
M-3840-M	40 ch. DWDM Mux/Demux, 100GHz, D921-D960, IL Link=12.2dB, mon port, LC
M-3840-LL	40 ch. DWDM Mux/Demux, 100GHz, D921-D960, IL Link=7.5dB, LC
M-3832-M	32 ch. DWDM Mux/Demux, 100GHz, D921-D936 & D943-D958, IL Link=6.4dB, mon port, LC
M-3817-xxxxyy-M	16 ch. DWDM Mux/Demux with 1% MON, 100GHz, D921-D936, IL Link=5.0dB, IL UPG=1.0dB, DWDM expansion port, LC, xxxyyy = 921936, 943958
M-3809-xxxxyy-M	8 ch. DWDM Mux/Demux, 100GHz, D921-D936, IL Link=5.0dB, DWDM expansion port, mon port, LC xxxyyy = 921928, 929936, 943950, 951958


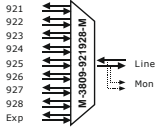

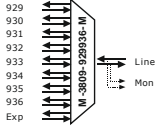

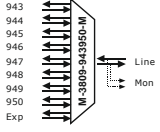

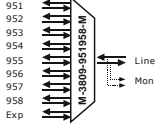
Subject to change without notice.

For more information visit smartoptics.com.

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GENERAL SPECIFICATIONS

Front View	Function	Specification
<p>M-3840-M</p> 	<p>40 channel DWDM Mux/Demux, monitoring port Supporting DWDM channels 921~960</p> <p>IL Link: 12.2dB</p>	
<p>M-3840-LL</p> 	<p>40 channel DWDM Mux/Demux Supporting DWDM channels 921~960</p> <p>IL Link: 7.5dB</p>	
<p>M-3832-M</p> 	<p>32 channel DWDM Mux/Demux Supporting DWDM channels 921~936, 943~960 Channels 937~942 unused</p> <p>IL Link: ≈6.4dB IL Link Upg port: <1.0 dB</p>	
<p>M-3817-921936-M</p> 	<p>16 channel DWDM Mux/Demux, DWDM expansion port, monitoring port Supporting DWDM channels 921~936 (943~958 version also available)</p> <p>IL Link: <5.0 dB IL Link Upg port: <1.0 dB</p>	

Front View	Function	Specification
<p>M-3809-921928-M</p> 		<p>8 channel Mux/Demux & OADM Supporting DWDM channels 921~928</p> <p>IL express channels: <1.0 dB IL Link DWDM channels: <4.8 dB Monitoring ports for Line and Express ports</p>
<p>M-3809-929936-M</p> 		<p>8 channel Mux/Demux & OADM Supporting DWDM channels 929~936</p> <p>IL express channels: <1.0 dB IL Link DWDM channels: <4.8 dB Monitoring ports for Line and Express ports</p>
<p>M-3809-943950-M</p> 		<p>8 channel Mux/Demux & OADM Supporting DWDM channels 943~950</p> <p>IL express channels: <1.0 dB IL Link DWDM channels: <4.8 dB Monitoring ports for Line and Express ports</p>
<p>M-3809-951958-M</p> 		<p>8 channel Mux/Demux & OADM Supporting DWDM channels 951~958</p> <p>IL express channels: <1.0 dB IL Link DWDM channels: <4.8 dB Monitoring ports for Line and Express ports</p>