FIBERSTAMP TFF CWDM MUX DEMUX 1270nm to 1610nm 2-18CH

FTFF-MUX2-18CH

Features

- Low insertion loss
- High isolation
- Low polarization dependent loss
- Compact design
- Good channel-to-channel uniformity
- Wide operating wavelength range
- High reliability and high stability
- Telcordia GR-1209-CORE-2001 compliant
- Telcordia GR-1221-CORE-1999 compliant
- ITU-T G.694.2 compliant
- RoHS compliant

Applications

- Data Center Interconnect Network
- Metro Optical Transport Network
- Telecommunications Network

Description

The GROWSFIBER TFF CWDM MUX DEMUX is designed for multi-wavelength CWDM network applications. It is based on TFF technology and operates at 20nm channel spacing ITU Grid CWDM wavelengths from 1270nm to 1610nm. The Mux Type, Port Configuration (2-18CH Ports, 1310nm Port, Upgrade Port, Monitoring Port) and Adapter Type can be customized.

Specifications

Parameters	Channel Options				
Port Configuration	2CH	4CH	8CH	16CH	18CH
Center Wavelength (nm)	1270 to 1610				
Operating Wavelength (nm)	1260 to 1620				
Channel Space (nm)	20				
Channel Passband @0.5dB (nm)	ITU±6.5				
Channels IL (dB)	< 1.2	< 1.8	< 3.0	< 3.4	< 3.7
Link IL (Mux+Demux) (dB)	< 2.1	< 2.7	< 3.9	< 4.6	< 5.3
Adjacent Channels Isolation (dB)	> 30				
Non-Adjacent Isolation (dB)	> 45				
Directivity (dB)	> 50				
Return Loss (dB)	> 45				

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Ripple (dB)		< 0.5
PDL (dB)		< 0.2
PMD (ps)		< 0.1
Maximum Optical Power (mw)		300
Operating Temperature (℃)		-5 to +75
Storage Temperature (℃)		-40 to +85
Package(mm) (L×W×H)	ABS Box	80×58×8, 100×80×10, 120×80×18, 140×115×18
	LGX Cassette	Standard, 2 in 1, 4 in1
	Rack Mount	483×245×44

Notes: For LGX Cassette and Rack Mount an additional 0.3dB loss ought to be added per adapter.
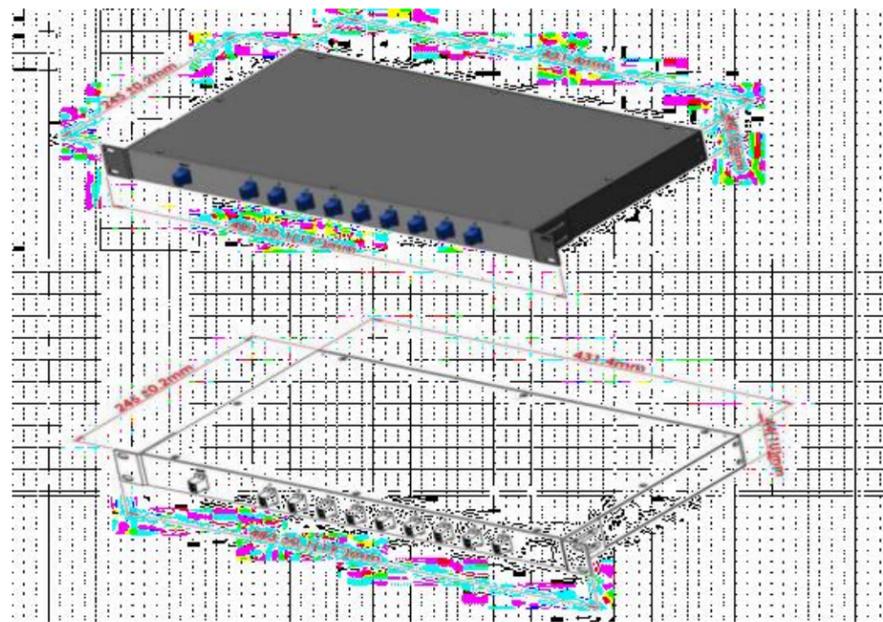
Mechanical Dimensions

ABS Box

LGX Cassette

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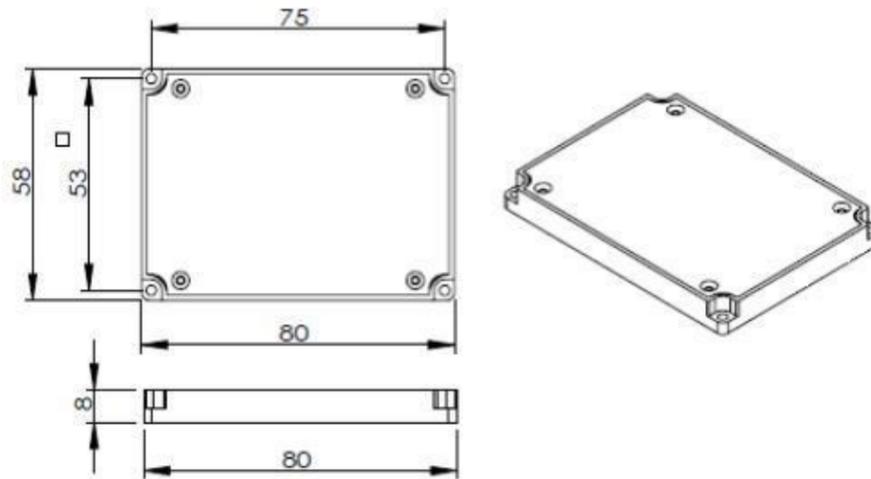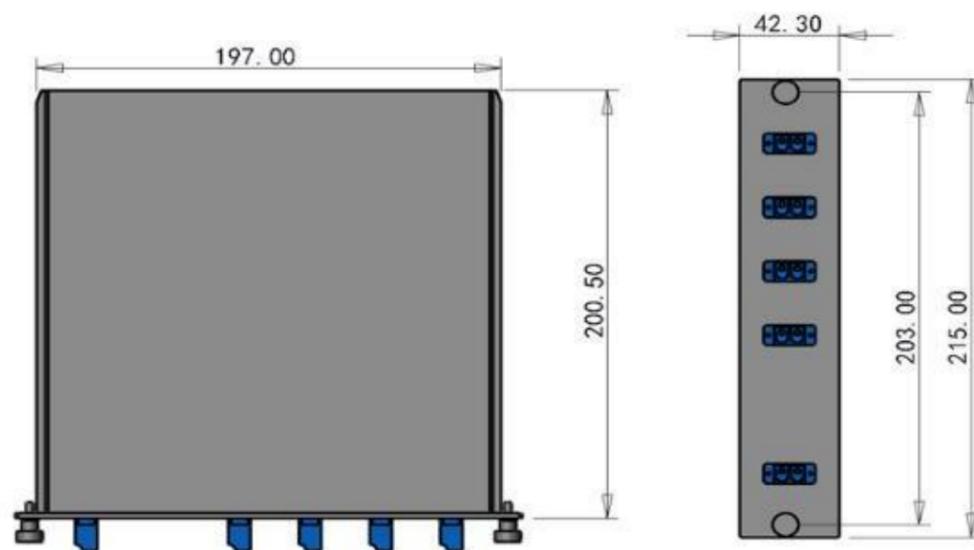
Rack Mount

Ordering Information

Part Number	Description
GFCWA2	ABS Box CWDM, 2CH
GFCWA4	ABS Box CWDM, 4CH
GFCWA8	ABS Box CWDM, 8CH
GFCWA16	ABS Box CWDM, 16CH
GFCWA18	ABS Box CWDM, 18CH
GFCWL2	LGX Cassette CWDM, 2CH
GFCWL4	LGX Cassette CWDM, 4CH
GFCWL8	LGX Cassette CWDM, 8CH
GFCWL16	LGX Cassette CWDM, 16CH
GFCWL18	LGX Cassette CWDM, 18CH
GFCWL2	Rack Mount CWDM, 2CH
GFCWL4	Rack Mount CWDM, 4CH
GFCWL8	Rack Mount CWDM, 8CH
GFCWL16	Rack Mount CWDM, 16CH
GFCWL18	Rack Mount CWDM, 18CH

Note: If there is a demand for orders that are different from those described above, please contact GROWSFIBER. Customized options are shown as following:

Mux Type		Mux, DeMux, Mux & DeMux
CWDM Channel Ports		1270nm to 1610nm (20nm Spacing)
Additional Ports		None, 1310nm Port, Upgrade Port, Monitoring Port
	Box Size	80×58×8, 100×80×10, 120×80×18, 140×115×18
	Fiber Type	None, 250um bare fiber, 0.9mm loose tube, 2.0mm loose tube

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ABS Box	Fiber Length	1.0m, 1.5m, 2.0m, 2.5m ...
	Connector Type	None, LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC
LGX Cassette & Rack Mount	Adapter Type	None, LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC
LGX Cassette	Cassette Type	Standard, 2 in 1, 4 in1
Rack Mount	Rack Type	483×245×44

Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by FIBERSTAMP before they become applicable to any particular order or contract. In accordance with the FIBERSTAMP policy of continuous improvement specifications may change without notice. The publication of information in this data sheet does not imply freedom from patent or other protective rights of FIBERSTAMP or others. Further details are available from any FIBERSTAMP sales representative.

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