



18-CH Coarse Wavelength Division Multiplexer Module

Features

- Low insertion loss
- Wide pass band
- High Channel Isolation
- High Stability and Reliability
- Epoxy Free Optical Path

Applications

- Line Monitoring
- WDM Network
- Telecommunication
- Cellular Application
- Fiber optical amplifier
- Access Network

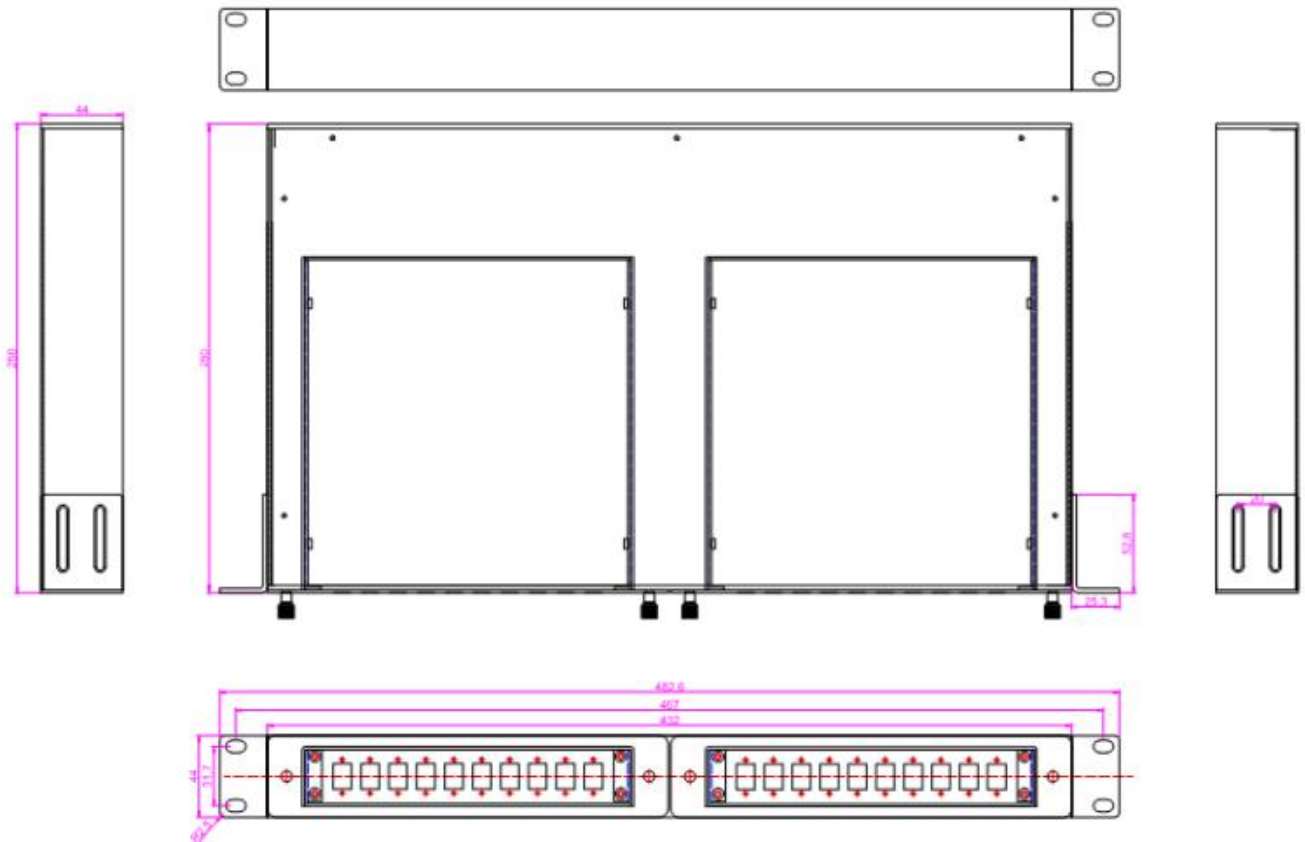
Performance Specifications

Parameters		18-CH Mux	18-CH Demux
Channel Wavelength (nm)		1270-1610	
Center Wavelength Accuracy (nm)		± 0.07	
Channel Spacing (GHz)		20nm	
Channel Passband (@-0.5dB bandwidth (nm))		±6.5nm	
Insertion Loss (dB)	1270-1610nm(MUX or DEMUX)	≅ 2.6	
Channel Ripple (dB)		≅ 0.5	
Isolation (dB)	Adjacent	≅ 30	
	Non-adjacent	≅ 40	
Polarization Dependent Loss (dB)		≅ 0.3	
Polarization Mode Dispersion (ps)		≅ 0.2	
Return Loss (dB)		≅ 50	
Directivity		≅ 45	
Max Power Handling (mW)		300	
Operating Temperature (°C)		-40 ~ +85	
Storage Temperature (°C)		-40 ~ +85	
Package Dimension (mm)	19"1U	432(482.6)x250x44mm	
	LGX	L180xW178(Panel 215.4)xH44mm	

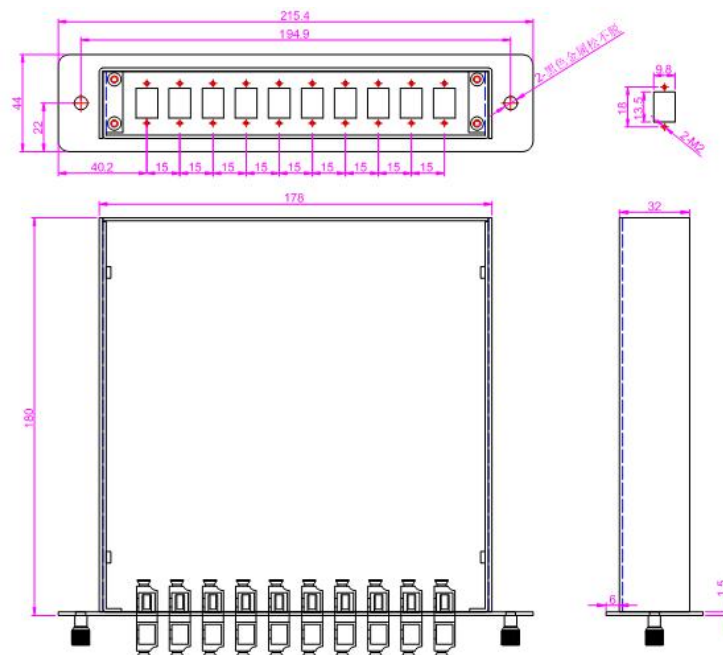
Note: All parameters are for device without connectors.

Dimension

19"1U

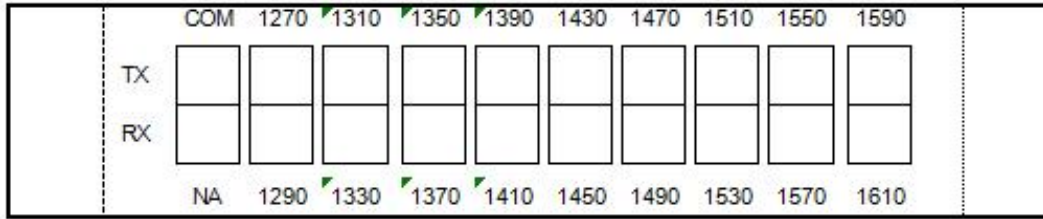


LGX:

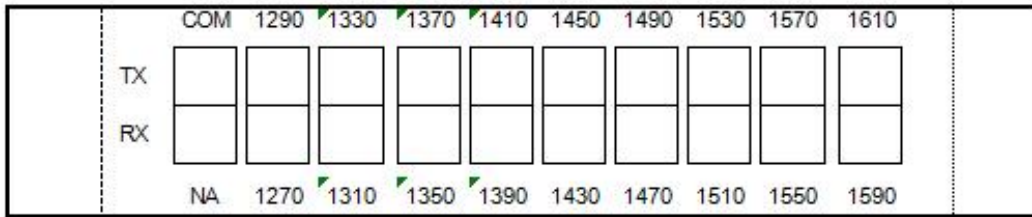




Side A



Side B



Ordering Information

CWDM	X	XX	X	XX	X	X	XX
	Channel Spacing	Number of Channels	Configuration	1st Channel	Fiber Type	Fiber Length	In/Out Connector
	C=CWDM	04=4-CH	M=Mux	27=1270/1271nm	1=Bare fiber	1=1m	0=None
	Grid	08=8-CH	D=Demux	2=900um loose tube	2=2m	1=FC/APC
		16=16-CH		47=1470/1471nm		S=Specify	2=FC/PC
		18=18-CH		49=1490/1491nm	3=2mm Cable		3=SC/APC
		N=N-CH		4=3mm Cable		4=SC/PC
				61=1610/1611nm			5=ST
				SS=special			6=LC
							S=Specify