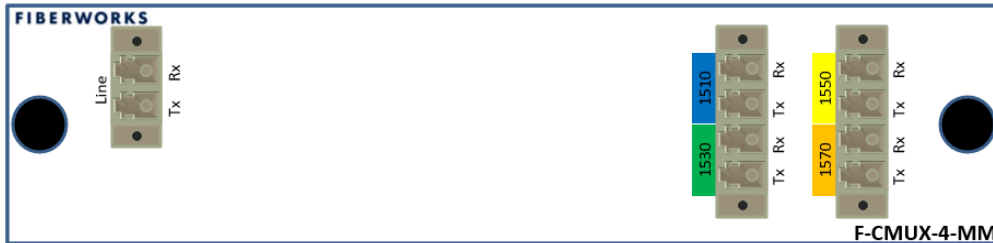


F-CMUX-4-MM

4 channel CWDM mux+demux for multimode fibers



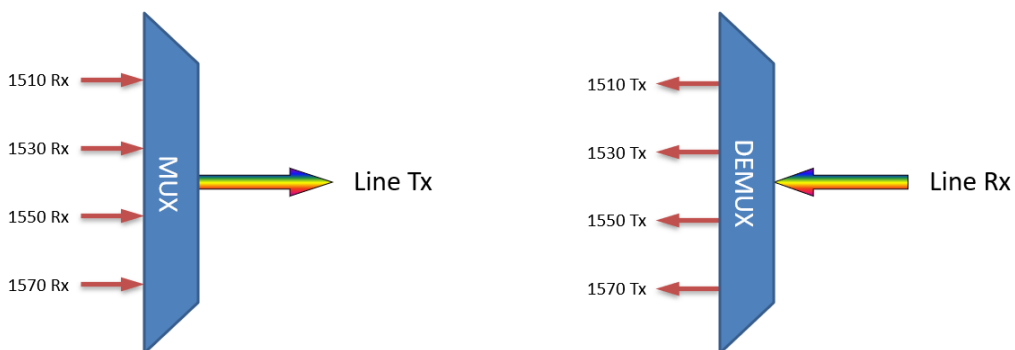
DESCRIPTION

This compact CWDM multiplexer and demultiplexer module covers 4 CWDM channels (1511, 1531, 1551, 1571 nm). It can be used on multimode fibers, with different versions available for 50 and 62.5 μm core types. The 50 μm variant can be used on both OM2, OM3 and OM4 fibers.

FEATURES

- Coarse WDM in compliance with ITU-T G.694.2
- Standard 4-channel CWDM band 1511 – 1571 nm, 20 nm spacing
- Based on thin film optics with epoxy free optical path
- Protocol transparent (support 100Mb/s, 1Gb/s etc.)
- Two modules fit in 1U in 19" rack
- LC/PC connectors

FUNCTIONAL DESCRIPTION



TECHNICAL DATA

Parameter	Unit	Value
Center Wavelength	nm	1511, 1531, 1551, 1571
Insertion loss	dB	< 1.5
Channel Spacing	nm	20
Channel Flatness	dB	< 0.4
Channel Bandwidth	nm	+/- 6.5
Channel Uniformity	dB	< 1.0
Adjacent channel isolation	dB	> 30
Non-adjacent channel isolation	dB	> 40
Directivity	dB	> 35
Return Loss	dB	> 35
PDL	dB	< 0.25
PMD	ps	< 0.1
Power Handling	mW	< 500
Operating temperature	°C	0 to +70
Storage temperature	°C	-40 to +85
Dimensions (H x W x D)	mm	43.6 x 183 x 118.5

ORDERING INFORMATION

Product number	Description
F-CMUX-4-MM5-5157-LP	Fiberworks 4 ch multimode CWDM Mux+Demux C51-C57, 50 μ m
F-CMUX-4-MM6-5157-LP	Fiberworks 4 ch multimode CWDM Mux+Demux C51-C57, 62.5 μ m
F-CHASSIS-1U2-19	Fiberworks 19" 1U chassis for two modules, with one blanking plate