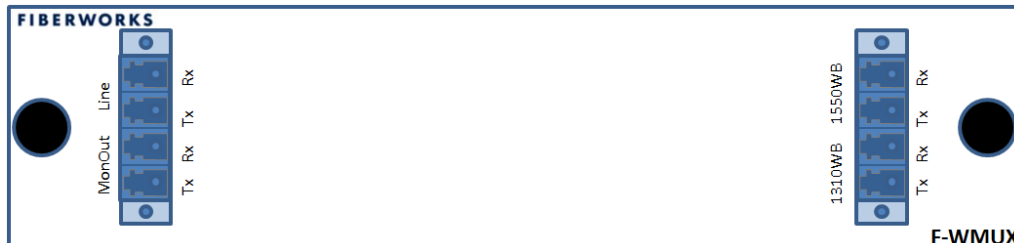


F-WMUX-1315

1310/1550 wideband WDM mux/demux with monitor ports



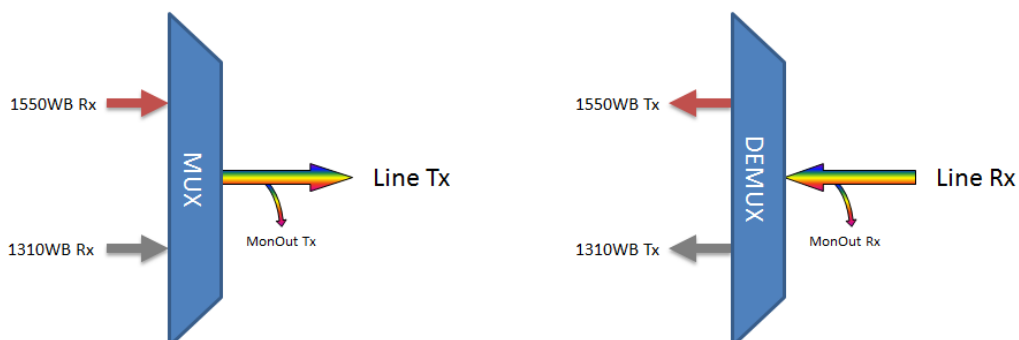
DESCRIPTION

This compact wideband WDM multiplexer/demultiplexer combines 1310 and 1550 nm wideband ports. It enables legacy 1310 nm equipment to be used together with a standard 1550 nm interface or 8 CWDM channels. Monitor ports ensures easy troubleshooting without downtime.

FEATURES

- Wideband WDM operation
- 2% monitoring ports for Tx and Rx
- Based on thin film optics with epoxy free optical path
- Protocol transparent (support 1G, 10G etc.)
- Two modules fit in 1U in 19" rack
- LC connectors

FUNCTIONAL DESCRIPTION



TECHNICAL DATA

Parameter	Unit	Value
1310WB Port Wavelength Range	nm	1280 - 1340
1550WB Port Wavelength Range	nm	1460 - 1620
Max insertion loss (module / link)	dB	< 2.2 / < 3.0
Monitoring ports power level	dB	$P_{\text{Line port}} - 17 \text{ dB}$
Directivity	dB	> 50
Return Loss	dB	> 55
Polarization Dependent Loss	dB	< 0.2
Polarization Mode Dispersion	ps	< 0.1
Wavelength thermal stability	nm/°C	< 0.003
Insertion Loss thermal stability	dB/°C	< 0.005
Power Handling	mW	< 300
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	Name	Description
F-WMUX-1315-MLU	F-WMUX-1315	Fiberworks Wideband WDM Mux/Demux 1310nm/1550nm, Monitor ports, LC
F-CHASSIS-1U2-19	F-CHASSIS-19	Fiberworks 19" 1U chassis for two modules, with one blanking plate