

FBF-1610 OTDR Bandpass WDM Filter

Fiberdyne Labs FBF-1610 OTDR Bandpass WDM Filter provides an option to separate the OTDR bandwidth from existing traffic. The FBF-1610 is available as a standalone filter, multiple filters can be installed into custom modules, or it can be incorporated into DWDM or CWDM Mux modules.

Features:

- High Isolation
- Low Insertion Loss
- RoHS Compliant
- Telcordia GR-1209 and GR-1221 Compliant

Applications:

- OTDR Testing
- Local Area Networks
- FTTH Networks



Specifications:

Parameters	Specification
Pass Channel Wavelength Range (nm)	1610 - 1650
Reflect Channel Wavelength Range (nm)	1260 - 1605
Insertion Loss Pass Channel (dB)	≤ 0.6
Insertion Loss Reflect Channel (dB)	≤ 0.4
Isolation Pass Channel (dB)	≥ 30
Isolation Reflect Channel (dB)	≥ 15
PDL Pass Channel (dB)	≤ 0.1
PDL Reflect Channel (dB)	≤ 0.1
Directivity (dB)	≥ 50
Return Loss (dB)	≥ 45
Dimensions (mm)	Ø 5.5 x 38
Connector Type	See Ordering Grid
Fiber Length (m)	≥ 1.0
Fiber Type	SMF-28e
Operating Temperature (°C)	-5 to +75
Storage Temperature (°C)	-40 to +85

Ordering Information:

FBF	-	1610	-	X	X	X	X
F=Fiberdyne				Package	Fiber Type	Fiber Length	Connector
B=Bandpass				1=Steel Tube	1=250μm	0= 0.5m	0= None
F= Filter				H= Heavy Duty	9= 900μm	1= 1.0m	1= FC/UPC
					2=2mm	Y= Custom	6=SC/UPC
					3=3mm		7=FC/UPC
							A=FC/APC
							B=SC/APC
							L=LC/UPC
							N=LC/APC
							Y=Custom

Package Dimensions:
