



1550nm High Power Bandpass Filter (2-port)

FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

APPLICATIONS

- Broadband Systems
- Optical Amplifying Systems
- Telecommunication Networks
- Metro Networks
- CATV Networks



SPECIFICATIONS

Parameters	Unit	Value
Center Wavelength	nm	1550+/-0.2
Min. Pass Band Width @ 0.5dB	nm	≥2.6
FWHM	nm	≥2.8
Insertion Loss over Pass Band Wavelength	dB	≤0.8
Stop Band Wavelength	nm	1520~1544 & 1556~1610
Stop Band Isolation	dB	≥25
Optical Return Loss	dB	≥50
Polarization Dependent Loss	dB	≤0.1
Fiber Type	-	SMF-28e
Fiber Tensile Load	N	5
Maximum Optical Power (CW)	W	1, 2, 5, 10 or customer specify
Operating Temperature	°C	0~70
Storage Temperature	°C	-40~85
Package Dimension	mm	(Φ)5.5x35

- Note:**
1. Specifications are for devices without the connectors.
 2. For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, Optical Power will be only 1W.
 3. Other pass band width type are also available per request.
 4. Devices for higher optical power and pulse power are also available per request.

ORDERING INFORMATION

FFWM-	NNNN	-	NN	-HP	NN	-	C	NN	-	CC/CCC
Center Wavelength	Bandwidth		Optical Power	Fiber Type	Fiber Length			Connector Type		
1550= 1550nm	26=2.6nm		1= 1W 2= 2W 10=10W	B= Bare Fiber L= Loose Tube	10=1.0m 15=1.5m 20=2.0m			N =Without Connector FC/APC=FC/APC Connector LC/PC =LC/PC Connector		