

2000nm Bandpass Filter

FEATURES

- ☑ High Isolation
- ☑ Low Insertion Loss
- ☑ High Reliability and Stability
- ☑ Various Bandwidth
- ☑ High Optical Power

APPLICATIONS

- ☑ Broadband Systems
- ☑ Optical Amplifying Systems
- ☑ Telecommunication Networks
- ☑ Laser Systems
- ☑ Research Labs



SPECIFICATIONS

Parameters		Unit	Value
Center Wavelength		nm	2000
Min. Pass Band Width @ 0.5dB		nm	6.0
Insertion Loss over Pass Band Wavelength		dB	≤1.4
Stop Wavelength (ASE)		nm	1900-1990 & 2010-2050
Stop Wavelength (ASE)	Standard	dB	≥25
Isolation	High Isolation	dB	≥45
ASE Direction		-	F: Forward, B: Backward, T: Two-way
Configuration		-	D: 2-port, Y: 3-port, X: 4-port
Optical Return Loss		dB	≥50
Polarization Dependent Loss		dB	≤0.15
Fiber Type	Input&Output	-	SMF-28 Fiber or SM1950 Fiber (V) 10/130um DC Fiber (O) or 25/250um DC Fiber (R)
	ASE Guide Out (Y/X Type)	-	Same Fiber or MM Fiber
Fiber Tensile Load		N	5
Max. Optical Power (CW, ASE+Signal)		mW	300
Operating Temperature		°C	0~50
Storage Temperature		°C	-40~85
Package Dimension	Stainless Steel Tube (SST)	mm	∅5.5xL35
	Metal Box	mm	L120xW12xH10

Note: 1. Specifications are for device without connectors; Specifications may change without notice.

2. To add connectors, IL is 0.3dB higher, RL is 5dB lower.

3. Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.

4. Package size may be different for different optical power and configurations.

ORDERING INFORMATION (PN)

FFBP-2000-NN	(C)	(C)	(C)	(C)	- (C)	(C)	C	NN	-CC/CCC
Bandwidth	ASE Type	ASE Iso	Fwd ASE Fiber	Bwd ASE Fiber	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
60~6nm	B=Backward T=Two-way Blank for Forward	I=High Isolation Blank for	Y=Same Fiber A=105/125um Fiber N=None Blank for D Type	Y=Same Fiber A=105/125um Fiber S=50/125um Fiber Blank for None or D Type	M=Metal Box Blank for SST	V=SM1950 Fiber O=10/130 DC Fiber R=25/250 DC Fiber Blank for SMF-28 Fiber	B= Bare fiber L= Loose Tube 2= 2mm Cable 3= 3mm Cable	05=0.5m 10=1.0m 15=1.5m 20=2.0m	N=Without Connector FC/APC=FC/APC Connector LC/PC=LC/PC Connector SC/UPC=SC/UPC Connector