

FBP-4000-01-SMF

Bandpass Filter, 2 to 6 GHz, 5 W

REV 1.00



The FBP-4000-01-SMF is a wide bandwidth bandpass filter that delivers exceptional performance in a small package size.

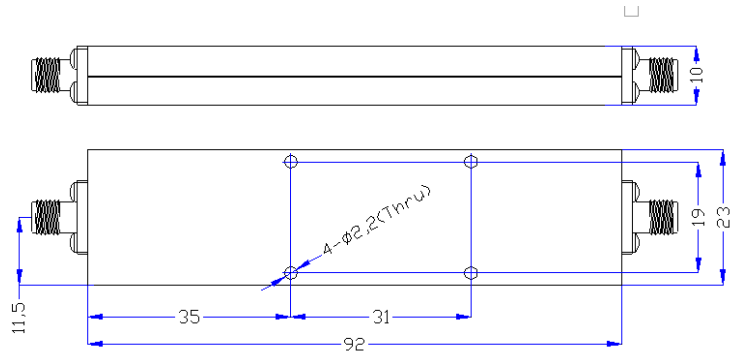
Features and Applications

- Low Insertion Loss
- High Stop Band Suppression
- Compact Size
- High Power

ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
CENTER FREQUENCY	4 GHz
PASSBAND FREQUENCY	2 GHz – 6 GHz
INSERTION LOSS	≤ 1.5 dB
PASSBAND VSWR	≤ 1.6:1
STOP BAND ATTENUATION	≥60 dB @ DC-1.4 GHz ≥60 dB @ 6.9 –18 GHz
IMPEDANCE	50 Ω
RF POWER	5 W

MECHANICAL OUTLINE



Units: mm

ORDERING INFO

MECHANICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
CONNECTORS	SMA - (F) input SMA - (F) output
OPERATING TEMP	-30 °C to +70 °C
WEIGHT	60 g (2.116 oz)
FINISH	BLACK PAINT

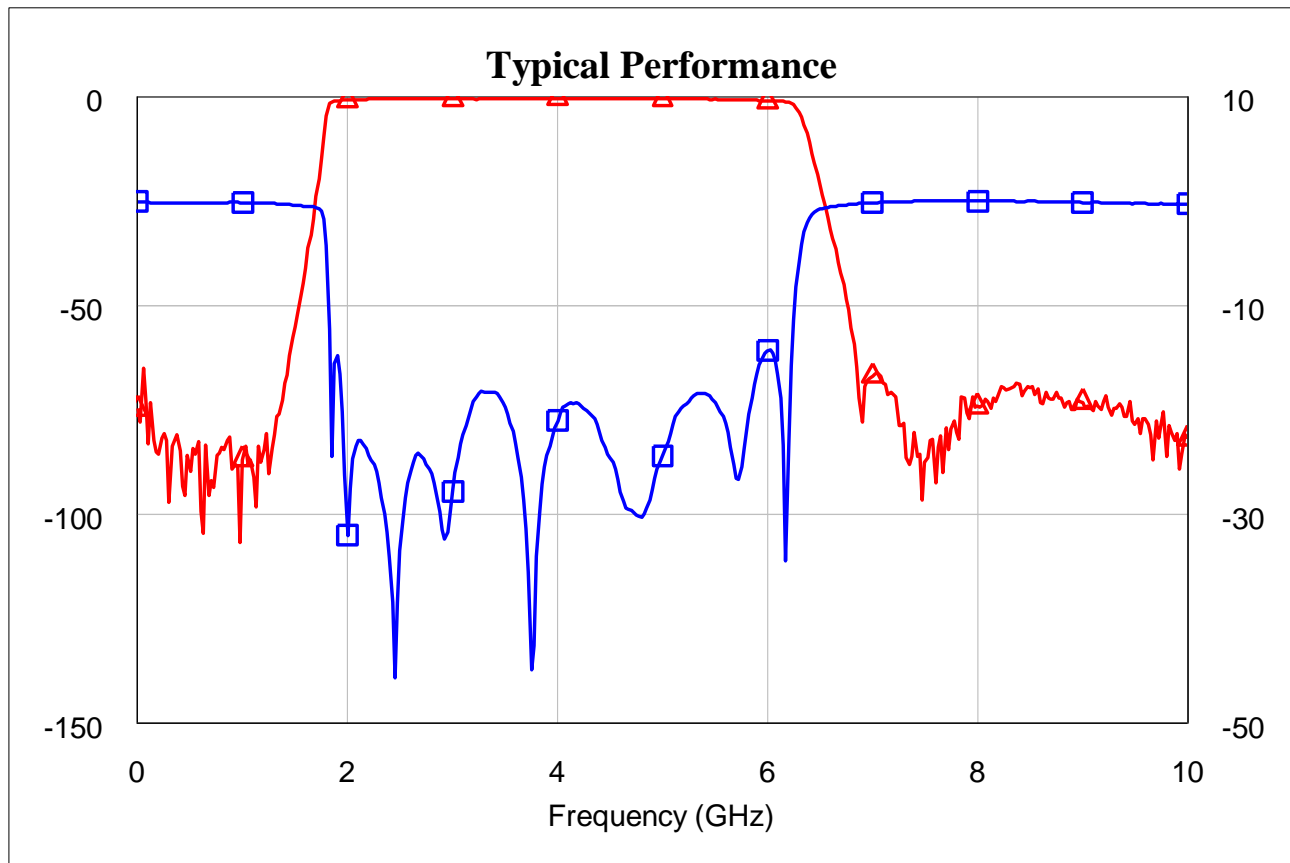
FBP	-	4000	-	01	SMF
PRODUCT CODE		CENTER FREQ.		CONNECTOR	
FILTER Bandpass		4000 MHz		SMA- (FEMALE)	

Electro-Photonics LLC reserves the right to modify drawings, configurations, specifications, and design at any time without prior notification.

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FILTERS

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