

FBP-SST-6000-SMF

Bandpass Filter, 2 to 10 GHz, 5 W

REV 1.00



The FBP-SST-6000-SMF is a wide bandwidth suspended stripline bandpass filter that delivers exceptional performance in a small package size.

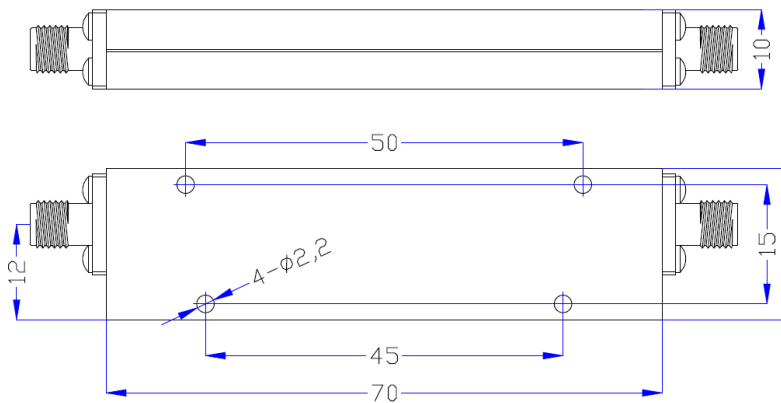
Features and Applications

- Low Insertion Loss
- High Stop Band Suppression
- Compact size

ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
CENTER FREQUENCY	6 GHz
PASSBAND FREQUENCY	2 GHz – 10 GHz
INSERTION LOSS	≤ 1.5 dB
RIPPLE	≤ 1.5 dB
PASSBAND VSWR	≤ 1.6:1
STOP BAND ATTENUATION	≥60 dB @ DC-1.4 GHz ≥50 dB @ 10.9–11.3 GHz ≥55dB @ 11.3–15.4GHz ≥30dB @ 15.4–16.9GHz ≥55dB @ 16.9–19.5GHz
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	40 g (1.411 oz)
FINISH	BLACK PAINT

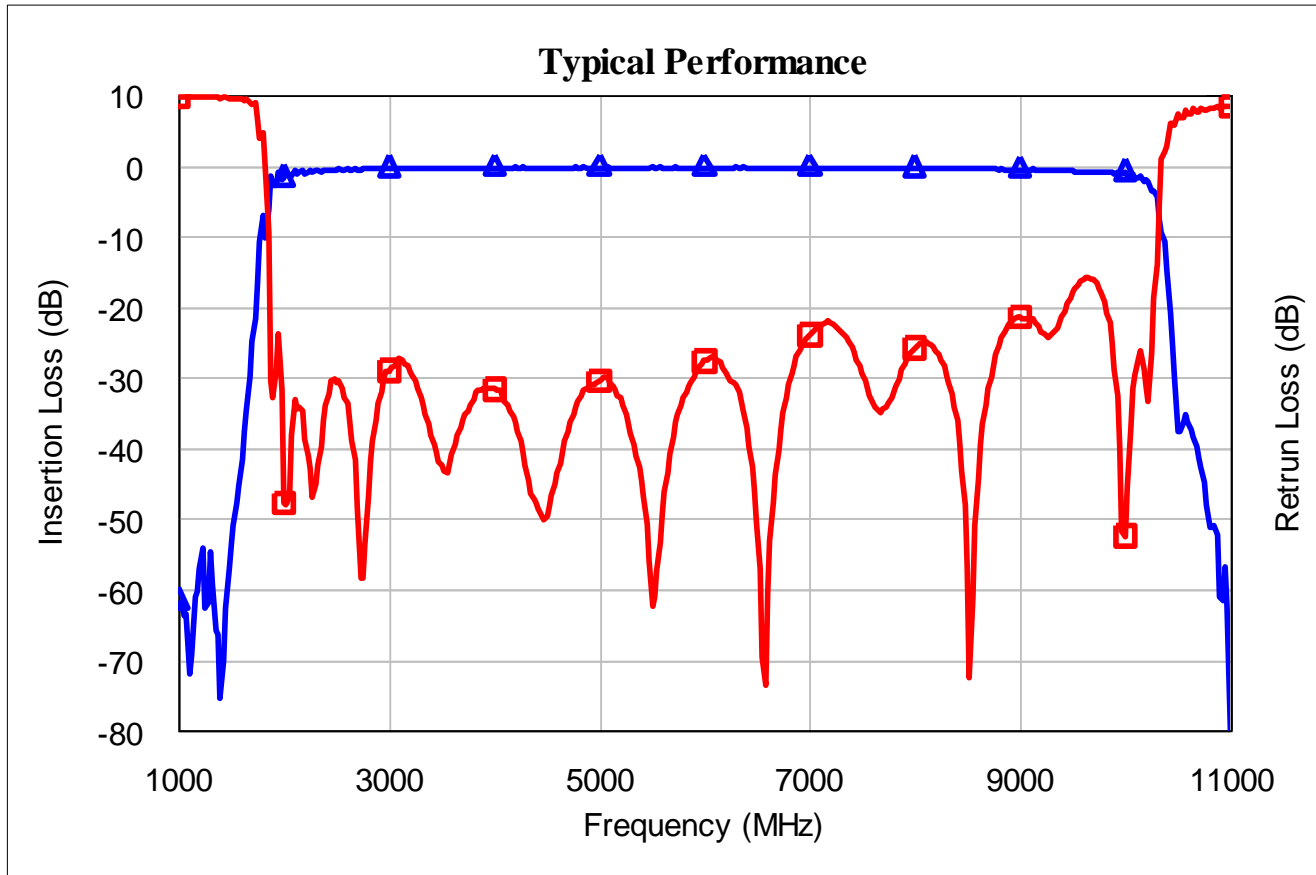
FBP	-	SST	-	6000	-	SMF
PRODUCT CODE		STRUCTURE		CENTER FREQ.		CONNECTOR
FILTER		Suspended Stripline		6000 MHz		SMA- (FEMALE)

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

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