

FBP-INT-9800-SMF

Bandpass Filter, 8.2 to 11.4 GHz, 5 W

REV 1.00



The FBP-INT-9800-SMF is a wide bandwidth interdigital bandpass filter that delivers exceptional performance in a small package size.

Features and Applications

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

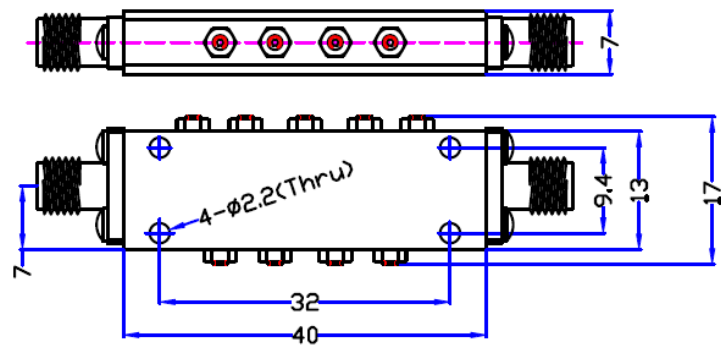
ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
CENTER FREQUENCY	9.8 GHz
PASSBAND FREQUENCY	8.2 GHz – 11.4 GHz
INSERTION LOSS	≤ 1.0 dB
PASSBAND RETURN LOSS	≥ 14dB
STOP BAND ATTENUATION	≥30 dB @ DC - 6.9GHz ≥30 dB @ 12.45 – 17GHz
IMPEDANCE	50 Ω
RF POWER	5 W

MECHANICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
CONNECTORS	SMA - (F) input SMA - (F) output
OPERATING TEMP	-30 °C to +70 °C
WEIGHT	25 g (0.882 oz)
FINISH	BLACK PAINT

MECHANICAL OUTLINE



Units: mm

ORDERING INFO

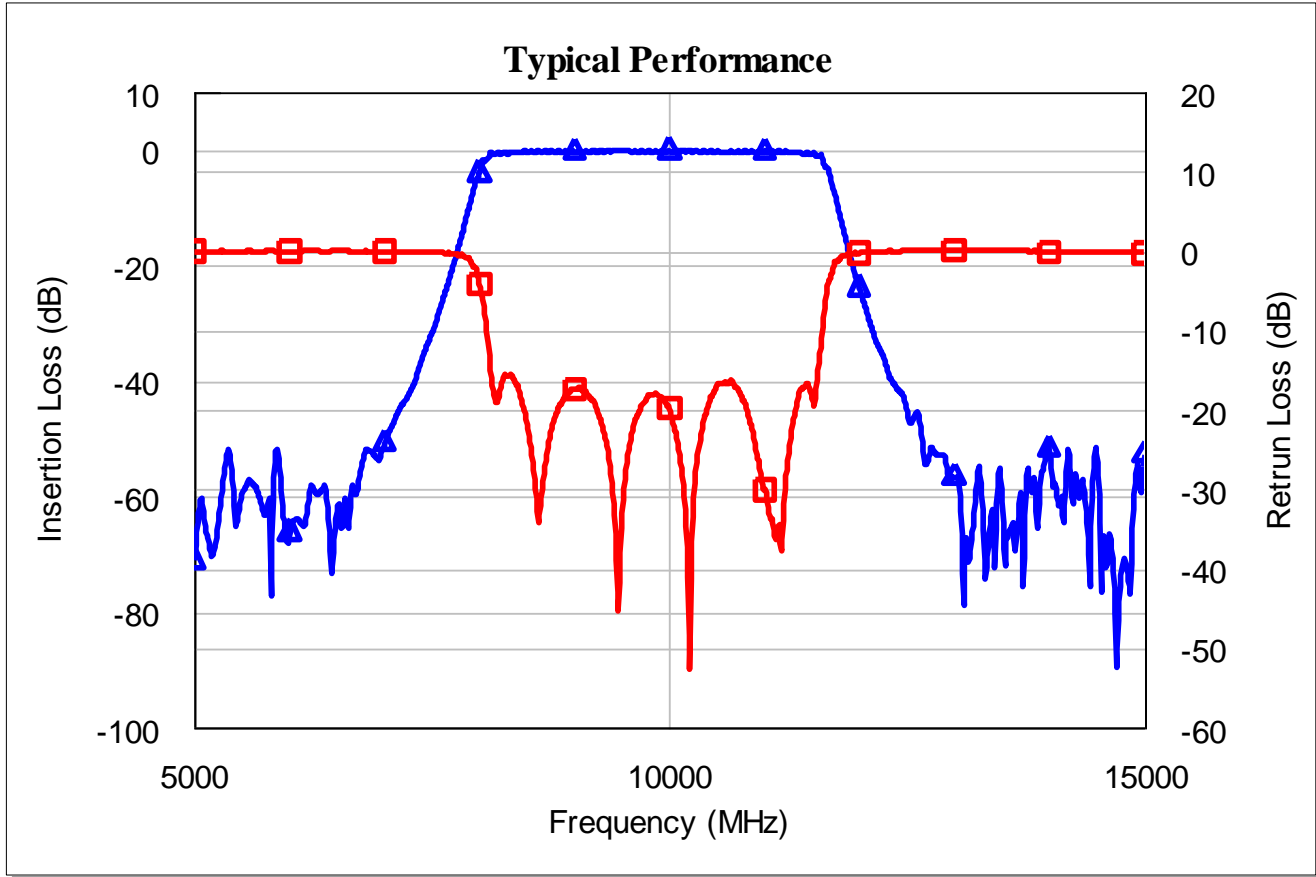
FBP	-	INT	-	9800	-	SMF
PRODUCT CODE		STRUCTURE		CENTER FREQ.		CONNECTOR
FILTER		Interdigital		9800 MHz		SMA – (FEMLE)

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

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