

# FBP-CAV-3500-NMF

Bandpass Filter, 3400 to 3600 MHz, 10 W

REV 1.00



The FBP-CAV-3500-NMF is a wide bandwidth cavity bandpass filter that delivers exceptional performance in a small package size.

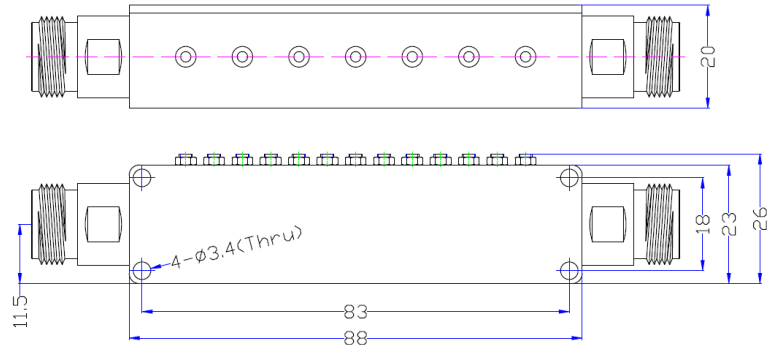
### Features and Applications

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

## ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
CENTER FREQUENCY	3500 MHz
PASSBAND FREQUENCY	3400 MHz – 3600 MHz
INSERTION LOSS	≤ 1.5 dB
PASSBAND VSWR	≤ 1.3:1
STOP BAND ATTENUATION	≥50 dB @ DC-3200 MHz ≥50 dB @ 3800-6000 MHz
IMPEDANCE	50 Ω
RF POWER	10 W

## MECHANICAL OUTLINE



Units: mm

## MECHANICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
CONNECTORS	Type N - (F) input Type N - (F) output
OPERATING TEMP	-30 °C to +70 °C
WEIGHT	115 g (4.056 oz)
FINISH	BLACK PAINT

## ORDERING INFO

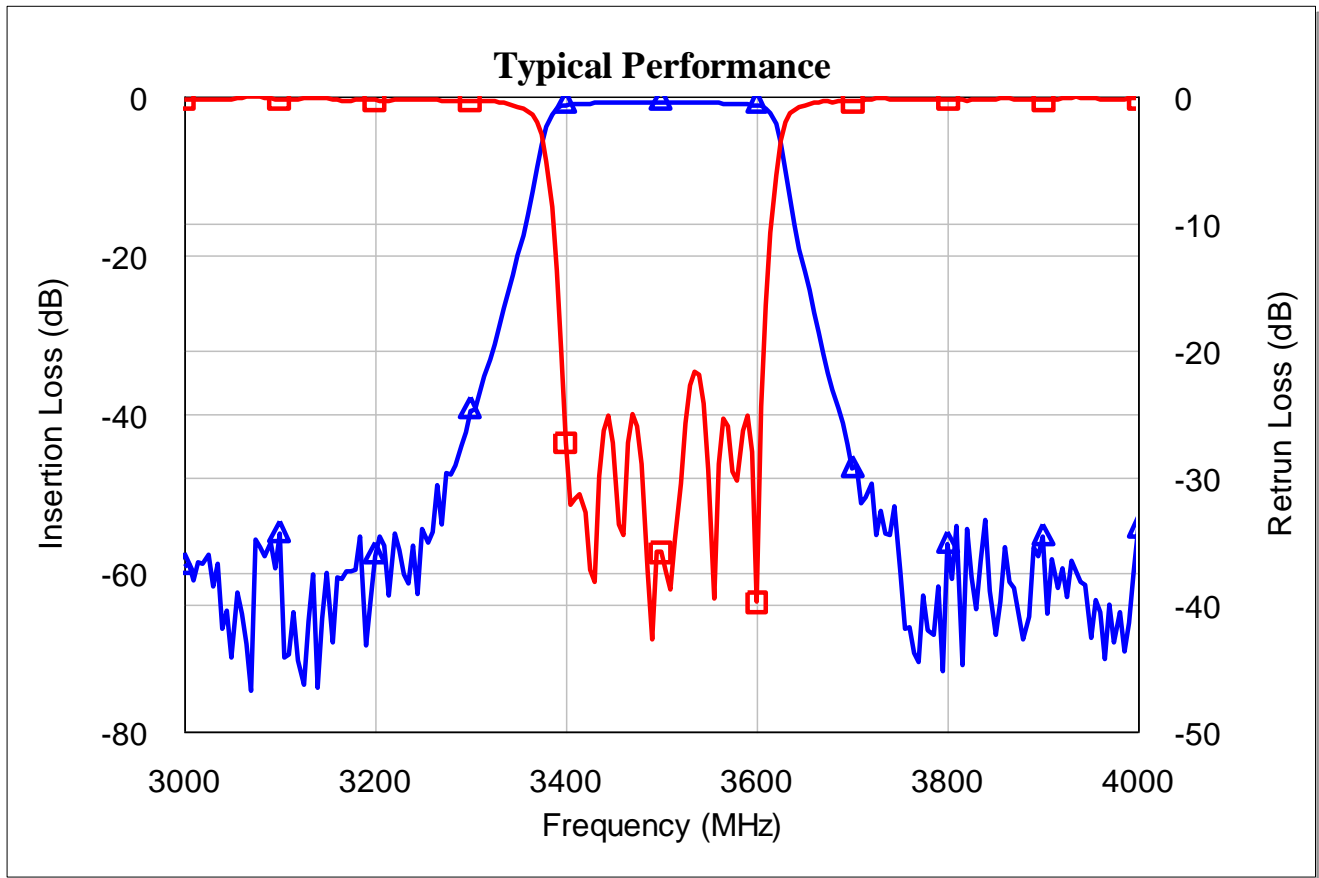
FBP	-	CAV	-	3500	-	NMF
PRODUCT CODE		STRUCTURE		CENTER FREQ.		CONNECTOR
FILTER		CAVITY		3500 MHz		Type N – (FEMLE)

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

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