

FBP-CML-4300-24FF

Bandpass Filter, 40 to 46 GHz, 5 W

REV 1.00



The FBP-CML-4300-24FF is a wide bandwidth combline bandpass filter that delivers exceptional performance in a small package size.

Features and Applications

- Low Insertion Loss
- High Stop Band Suppression
- Compact size
- Data links, 5G

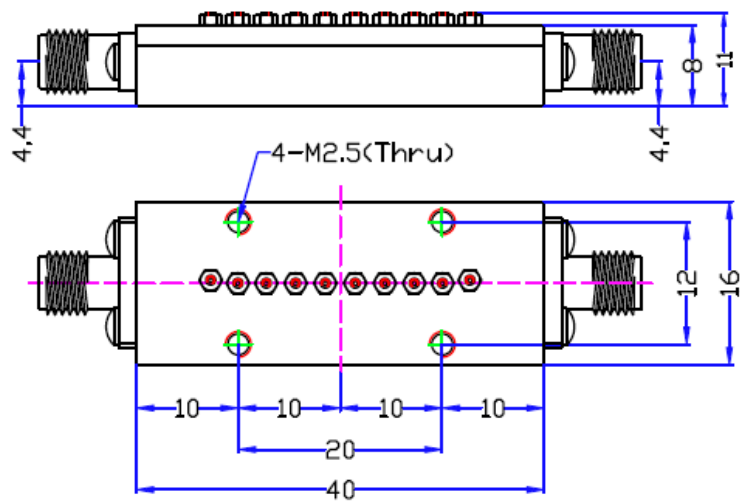
ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
CENTER FREQUENCY	43 GHz
PASSBAND FREQUENCY	40 – 46 GHz
INSERTION LOSS	≤ 1.7 dB
PASSBAND VSWR	≤ 1.5:1
STOP BAND ATTENUATION	≥45 dB @ 34.5 GHz ≥45 dB @ 50 GHz
IMPEDANCE	50 Ω
RF POWER	5 W

MECHANICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
CONNECTORS	2.4mm - (F)
OPERATING TEMP	-30 °C to +70 °C
WEIGHT	42 g
FINISH	BLACK PAINT

MECHANICAL OUTLINE



Units: mm

ORDERING INFO

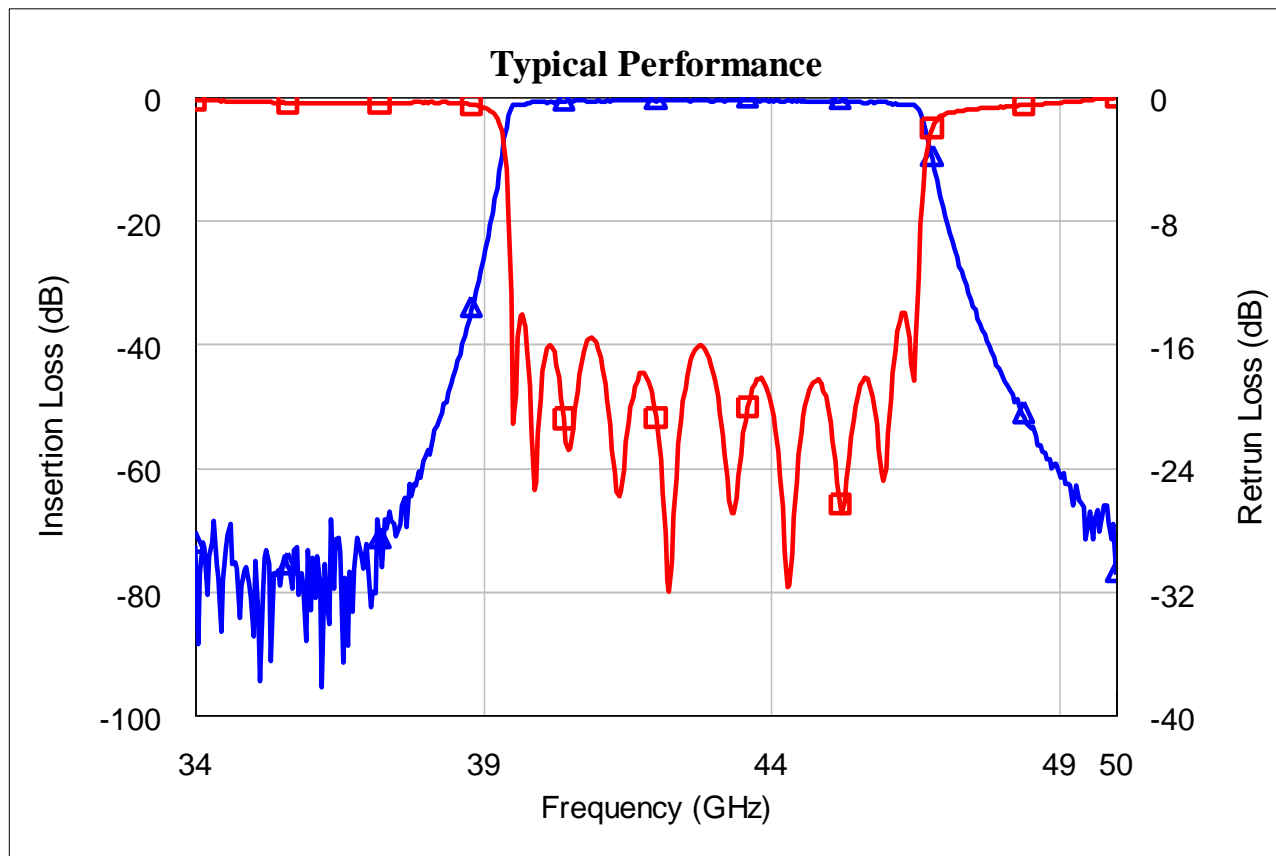
FBP	-	CML	-	4300	-	24FF
PRODUCT CODE		STRUCTURE		CENTER FREQ.		CONNECTOR
FILTER		COMBLINE		43 GHz		2.4MM - (FEMALE-FEMLE)

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

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