

Band-Pass Filter for 136 - 225 MHz

DESCRIPTION

- BPF 136-225 is an LC band-pass filter.
- Allows the whole 136 – 225 MHz band to pass.
- Series coupled high/low pass filter design.
- Chebychev characteristic ensures low insertion loss and high out-of-band rejection.
- Can be used as transmitter filter to prevent out-of-band and harmonics radiation.
- Can be used as a preselector filter to protect a receiver against interferences from transmitters normally being outside the band-pass range.
- Very small dimensions, mounted in a 45 x 50 mm box.
- FME-male connectors for easy and handy coupling to the surroundings.
- Also available with TNC(f), BNC(f) or SMA(f) connectors types.
- Provided with dual adhesive pad for quick installation.
- BPF 136-225 is lacquered with black vinyl enamel to avoid corrosion.



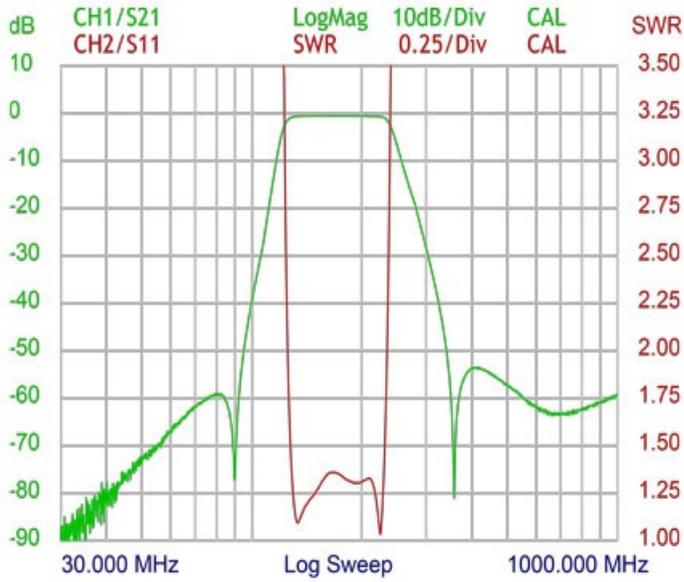
SPECIFICATIONS

Electrical	
Model	BPF 136-225
Frequency	136 - 225 MHz
Max. Input Power	35 W
Insertion Loss	Max. 0.9 dB typ. ≤ 0.7 dB
Impedance	50 Ω
Reject Attenuation	> 50 dB @ 0 - 88 MHz and 360 - 1000 MHz
VSWR	< 1.5:1
Bandwidth	89 MHz
Mechanical	
Connection(s)	FME(m), BNC(f) or SMA(f)
Dimensions	FME(m): 50 x 21 x 48 mm / 1.97 x 0.83 x 1.89 in. (incl. conn.) BNC(f), SMA(f): 50 x 21 x 52 mm / 1.97 x 0.83 x 2.05 in. (incl. conn.)
Weight	Approx. 0.06 kg / 0.13 lb.
Environmental	
Operating temperature range	-30 °C to +60 °C
Ingress Protection	IP41

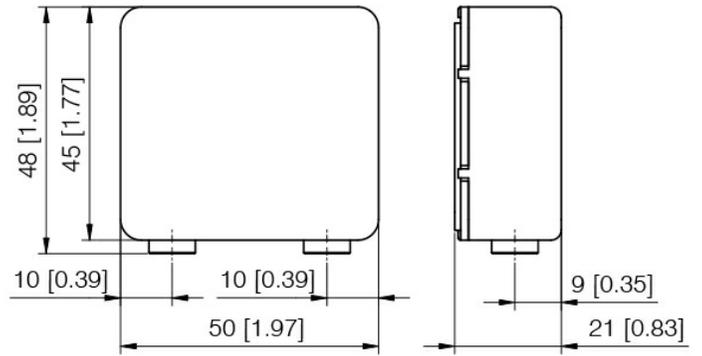
ORDERING

Model	Product No.
BPF 136-225 FME(m)	200000895
BPF 136-225 BNC(f)	200000878
BPF 136-225 SMA(f)	200002014

TYPICAL RESPONSE CURVE

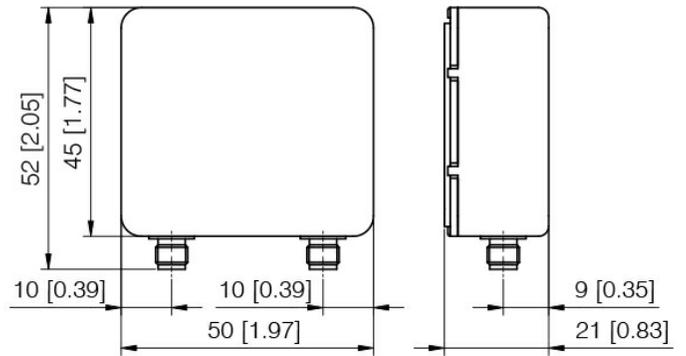


MECHANICAL OUTLINE FOR FME(M)



All dimensions are given in mm [in.]

MECHANICAL OUTLINE FOR BNC(F) OR SMA(F)



All dimensions are given in mm [in.]

