

Band-Pass Filter for the 2 m Band with High Power-Handling Capability (100 W)

DESCRIPTION

- The BPF 2/3-HX-150 is a medium Q helical band-pass filter with power-handling up to 100 W.
- The BPF 2/3-HX-150 can be used as a preselector to prevent overloading of a receiver.
- The housing is made of extruded aluminium, the chassis of steel, and teflon insulation has been used in the coaxial cables and in the connectors.
- BPF 2/3-HX-150 is coated with black vinyl to prevent corrosion.



SPECIFICATIONS

Electrical	
Model	BPF 2/3-HX-150
Filter Type	Band-pass filter
Frequency	145 - 174 MHz
Max. Input Power	100 W
Impedance	50 Ω
Reject Attenuation	See curves
VSWR	< 1.4:1
Mechanical	
Connection(s)	N(f)
Dimensions	186 x 125 x 50 mm / 7.3 x 5 x 2 in. (Incl. Connectors)
Weight	Approx. 1.05 kg / 2.31 lb.
Environmental	
Operating Temperature Range	-30°C to +60°C
Frequency Stability	18 ppm/° C (approx.)

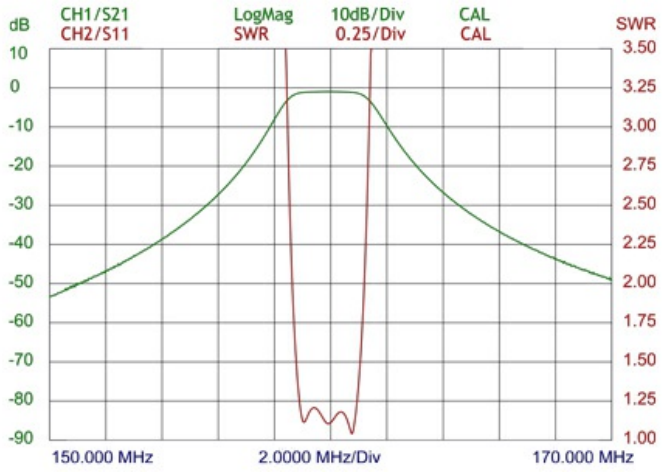
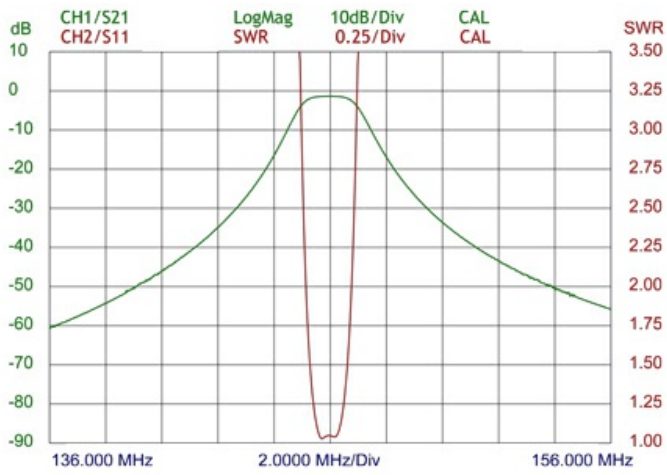
ORDERING

Model	Product No.
BPF 2/3-HX-150	200000821

ORDERING NOTE

The BPF 2/3-HX-150 is delivered factory-tuned. Depending on the nature of the problem the band-pass filter has to solve, please specify the relevant of the following data when ordering:
Centre frequency, operating frequency of disturbed or disturbing transmitter, required attenuation at stop-frequency, tolerable insertion loss and, optionally: pass range bandwidth.

TYPICAL RESPONSE CURVES



MOUNTING DETAILS

