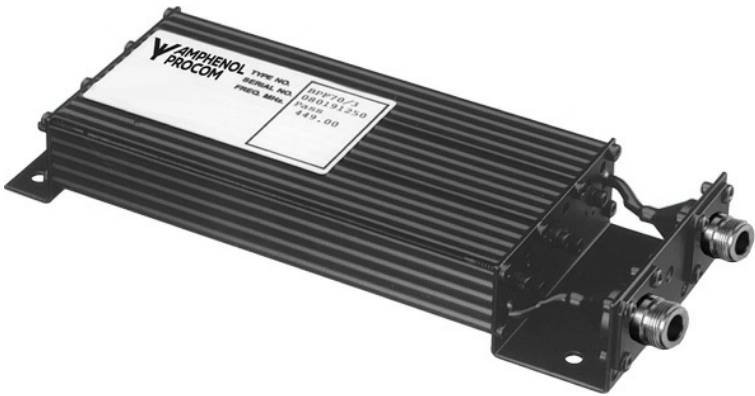


Band-Pass Filter for the 70 cm Band

DESCRIPTION

- The BPF 70/3 is a 3-¼ λ resonator band-pass filter with internal coupling between the resonators.
- This filter can be used as a preselector to protect a receiver against interference from transmissions out of the passband, or it can be used to reduce spurious output from a transmitter with up to 50 W output power.
- The filter can be tuned within the entire 406 - 470 MHz band. Careful design and choice of materials ensure reliable operation over a wide temperature range.
- The housing is made of extruded aluminium, the chassis of brass, and teflon insulation has been used in the coaxial cables and in the connectors.
- The filter is black vinyl coated to prevent corrosion.



SPECIFICATIONS

Electrical		
Model	BPF 70/3	
Filter Type	Band-pass filter	
Frequency	406 - 470 MHz	
Max. Input Power	50 W	
Impedance	50 Ω	
Reject Attenuation	See curves	See curves
VSWR	< 1.5:1	

Mechanical		
Connection(s)	N(f), BNC(F)	
Dimensions	L:225 x W:77 x H:33 mm / L:8.83 x W:3.03 x H:1.30 in. (incl. connectors)	
Weight	Approx. 0.55 kg / 1.21 lb.	

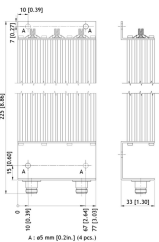
Environmental		
Operating Temperature Range	-30°C to +60°C	

ORDERING

Type	Product No.
BPF 70/3	200000896

DIAGRAM

Mounting details



TYPICAL RESPONSE CURVES

