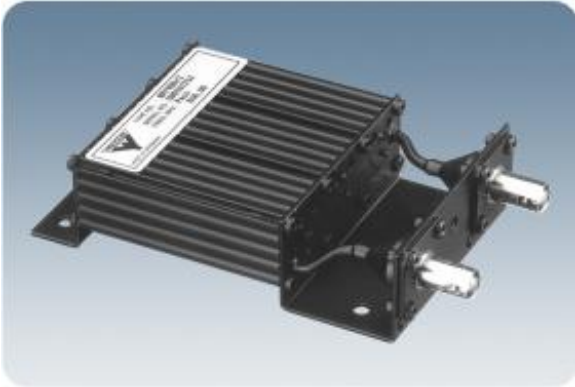


Band-Pass Filter for the 900 MHz Band

DESCRIPTION

- The BPF 900/3 is a 3-cavity band-pass filter using full-length quarter-wave 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 820 - 960 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 steel, and teflon insulation has been used in the coaxial cables and in the connectors.
- BPF 900/3 is coated with black vinyl to prevent corrosion.



ORDERING

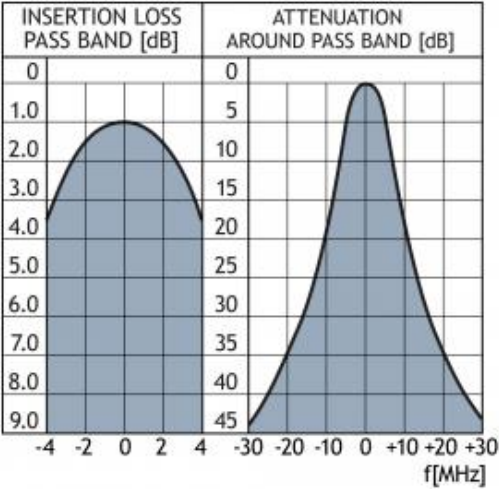
Type	Product No.
BPF 900/3-N(f)	200000935

SPECIFICATIONS

Electrical	
Model	BPF 900/3
Filter Type	Band-pass filter
Frequency	820 - 960 MHz
Impedance	50 Ω
Attenuation 0-790 MHz	> 45 dB, see curves
Reject Attenuation	See curves
VSWR	< 1.5:1
Maximum Input Power	50 W
Frequency Stability	10 ppm/° C (approx.)
Mechanical	
Connection(s)	N female (other on request)
Dimensions	153 x 77 x 33 mm
Weight	0.35 kg / 0.77 lb
Environmental	
Operating Temperature Range	-30° C to +60° C

ADDITIONAL DATA

TYPICAL RESPONSE CURVES



MOUNTING DETAILS

