

Band-Pass Filter for 118 - 137 MHz

DESCRIPTION

- PRO-BPF 118-137-N is a rugged 6-resonator combine band-pass filter for handling high power levels.
- Allows the whole 118 – 137 MHz band to pass with low loss.
- No spurious responses below 900 MHz.
- Can be used as transmit filter to prevent out-of-band and harmonics radiation.
- Can be used as a preselector to protect a receiver against interferences from transmitters normally being outside the band-pass range.
- N connectors for strong and reliable coupling to the surroundings.
- PRO-BPF 118-137-N is lacquered with black vinyl enamel to avoid corrosion.



SPECIFICATIONS

Electrical	
Model	PRO-BPF 118-137-N
Frequency	118 - 137 MHz
Max. Input Power	200 / 100 W (peak / average)
Insertion Loss	≤ 0.8 dB @ corner freq. ≤ 0.6 dB @ centre freq.
Impedance	50 Ω
Attenuation	> 40 dB : 98 - 107 MHz and 147 - 154 MHz > 60 dB : < 98 MHz and > 154 MHz
VSWR	< 1.4:1
Bandwidth	19 MHz
Mechanical	
Connection(s)	N(f) (other on request)
Dimensions	220 x 244 x 42 mm (incl. connectors and tuning screws) / 8.66 x 9.6 x 1.65 in.
Weight	Approx. 2.1 kg / 4.63 lb.
Environmental	
Operating temperature range	-30 °C to +60 °C

ORDERING

Model	Product No.
PRO-BPF 118-137-N(f)	200001969

TYPICAL RESPONSE CURVE

