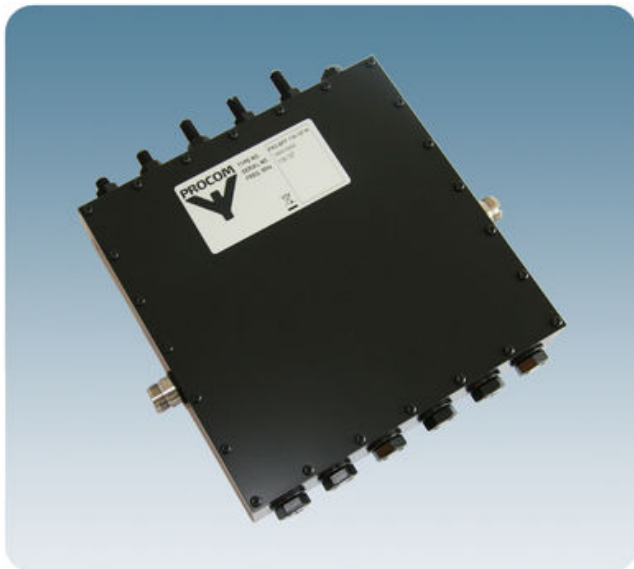


PRO-BPF 118-137-N

Band-Pass Filter for 118 – 137 MHz

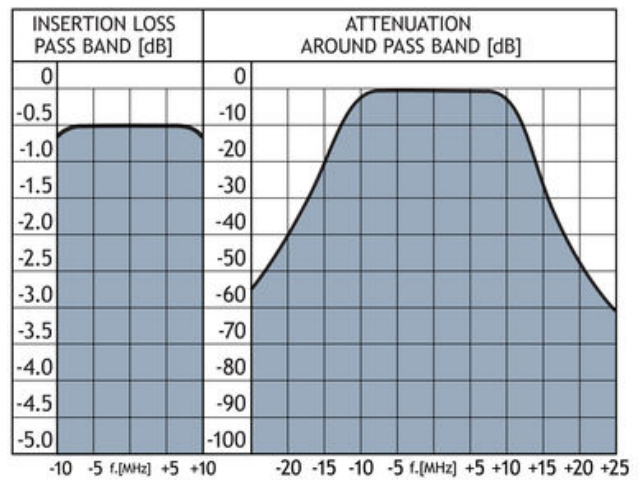
DESCRIPTION

- PRO-BPF 118-137-N is a rugged 6-resonator combline 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
PASS RANGE	118 - 137 MHz
MAX. INPUT POWER	200 / 100 W (peak / average)
INSERTION LOSS	≤ 0.8 dB typically ≤ 0.6 dB (@ corner/centre freq.)
SWR	≤ 1.4
ATTENUATION	> 40 dB : 99 - 108 MHz and 147 - 154 MHz > 60 dB : < 99 MHz and > 154 MHz
IMPEDANCE	Nom. 50 Ω
MECHANICAL	
TEMP. RANGE	-30° C → +60° C
CONNECTORS	N-female (others on request)
DIMENSIONS (W x D x H)	188 x 194 x 42 mm (excl. connectors and tuning screws)
WEIGHT	Approx. 2 kg



PROCOM A/S reserve the right to amend specifications without prior notice.

24/01/2011

ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
PRO-BPF 118-137-N	200001969