

CP-BA-150 series

AIR Band 120 MHz 150 Watts Cavity Band Pass Filter

Airband cavity BPF (118–136 MHz) — high-Q, low insertion loss, 150 W continuous power rating.

Excellent out-of-band rejection for transmit/receive systems.

For use in repeaters and full duplex radios.

- Single and dual cavity.
- Easy tuning.

ELECTRICAL SPECIFICATIONS

Type	AIR Band - Single Cavity Band Pass Filter
Frequency	108 - 136 MHz
Maximum Input Power	150 Watts
Insertion loss	0.5 - 2.0 dB
Attenuation	See diagram
VSWR	≤ 1:1.5
Impedance	50 Ohm
Frequency Stability	9 ppm/°C (approx.)



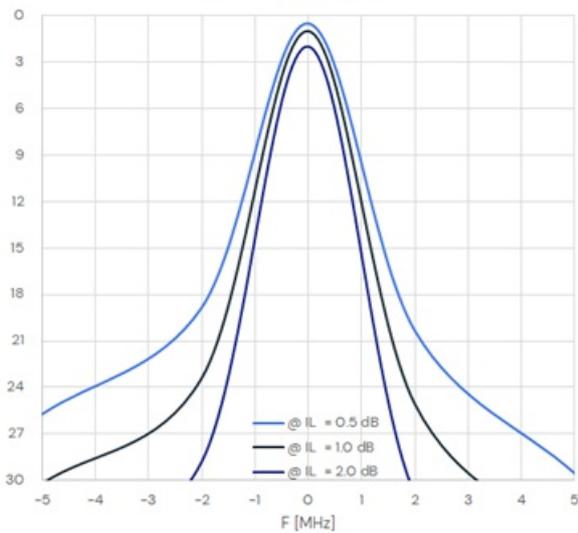
MECHANICAL SPECIFICATIONS

Color	Black Grey (RAL7021)
Dimension	15 x 15 x 90 cm + tuning screw
Weight	8.0 kg
Operating Temperature	-30°C to +60°C
Connector	Type N-female
Serial no.	On product label

ORDERING INFORMATION

CP-BA-AQ	Single Not tuned In Box
CP-BA-2-AQ	Dual Not tuned In Box

CP-BA-AQ
Attenuation [dB]



CP-BA-AQ
Insertion Loss [dB]

