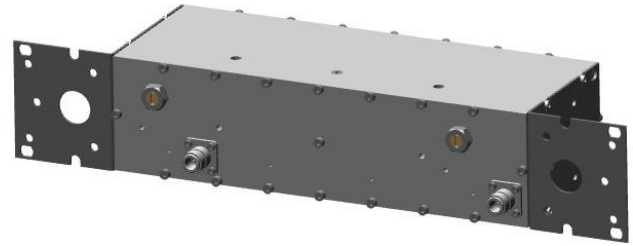


VHF Airband Bandpass filter

75 W, 4 Pole

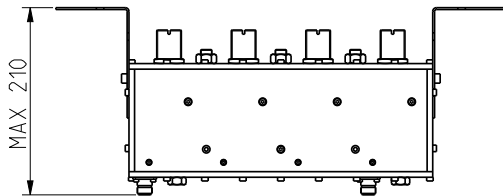
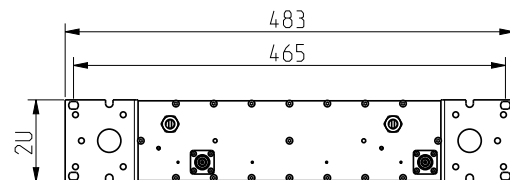
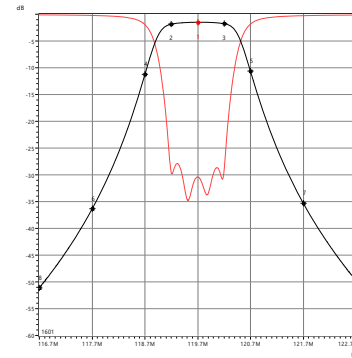
PRODUCT FEATURES

- Flexible design
- Retunable
- Fits in 19" rack
- Optimised as RX filter as well as TX filter application

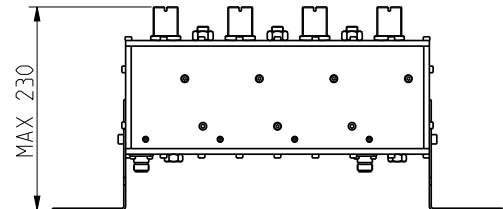


SPECIFICATIONS	70 mm Series	Optional
FREQUENCY	118 - 136 MHz	Other tunings at request
STANDARD ORDER	4 poles	-
IMPEDANCE	50 Ohm	-
TEMPERATURE STABILITY	< 5 kHz / °C	-
MAX PRODUCT TEMPERATURE	70 °C	-
ENVIROMENTAL CONDITION	0 to 70 °C IP40	-
CONNECTIONS	N female	N male

DIMENSIONS AND WEIGHT	
DIMENSIONS	210-230 x 483 x 88 mm
L x W x H	(8.3-9.1 x 19.0 x 3.5 in)
WEIGHT	4 kg (8.8 lb)
STANDARD FRAME	19" mounting brackets
OPTIONAL FRAME	Stand alone (without brackets)
COLOUR	Aluminum gray



19" rack mount brackets for rear connections.



19" rack mount brackets for front connections.

TYPICAL DATA*	Standard tuned
ARTICLE NO	BPA4C07000A-CC
RETURN LOSS (VSWR), Centre frequency	>26 dB (<1.1)
Average ± 0.5 MHz	>28 dB (<1.08)
INSERTION LOSS	
Centre frequency	<1.6 dB
Effective passband @ ± 0.5 MHz	<1.6 dB
	± 0.5 MHz <1.9 dB
Rejection	
	± 1.0 MHz >9.0 dB
	± 2.0 MHz >35.0 dB
	± 3.0 MHz >49.0 dB
GROUP DELAY VARIATION (typical)	± 0.5 MHz <150 ns
MAX INPUT POWER RATING**	75 W rms
TEMPERATURE RISE	3 °C / 10 W

Article structure:

ARTICLE: BPA4C07000A-CC

BP= Filter Type

A = Frequency band

A = Air band

4 = Number of poles

C = With/ without temp. comp.

C = without temperature compensation

07 = Filter size

0 = Grade

0 = Natural aluminumtemperature compensation

0 = Number of cross coupling

0 = Frame/ option

A = Version

C = Input connection

C= N female, D= N male

C = Output connection

C= N female, D= N male

* Data in table is typical data at 127 MHz. The filter can be tuned for other specification or bandwidth, please contact us for a designed specification.

** All average power values and technical data refer to an ambient temperature of + 20-25 °C with normal air flow. The product can have a maximum surface temperature of + 70 °C. Data are subjected to change without prior notice.