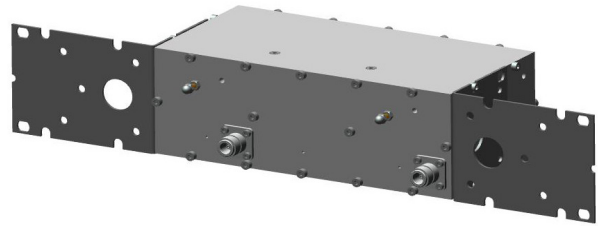


VHF VDE Bandpass filter

75 W, 3 Pole

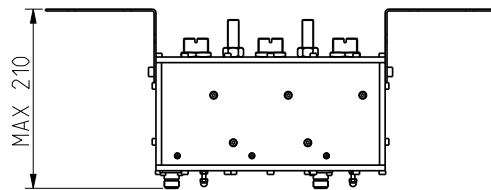
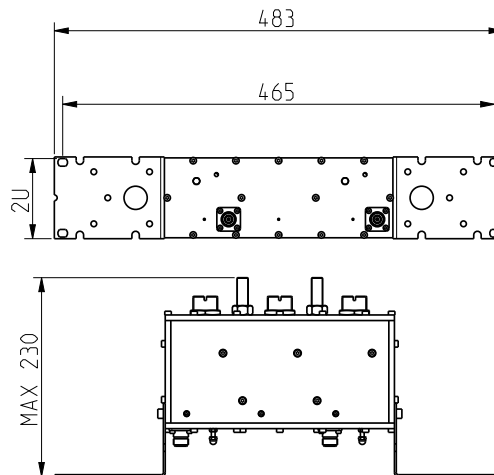
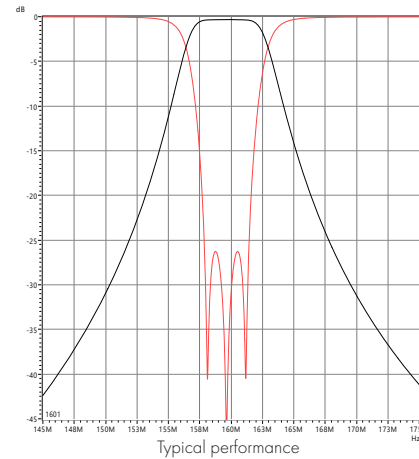
PRODUCT FEATURES

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

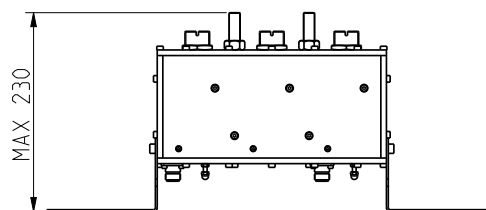


SPECIFICATIONS	70 mm Series	Optional
FREQUENCY	159.65 MHz	Other tunings at request
STANDARD ORDER	3 poles	-
IMPEDANCE	50 Ohm	-
TEMPERATURE STABILITY	< 5 kHz / °C	-
MAX PRODUCT TEMPERATURE	70 °C	-
ENVIRONMENTAL CONDITION	0 to 70 °C IP40	-
CONNECTIONS	N female	N male

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	3 kg (6.6 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	BPM3C07000A-CC
RETURN LOSS (VSWR), Centre frequency	>26 dB (<1.10)
Average ± 2.45 MHz	>20 dB (<1.22)
INSERTION LOSS	
Centre frequency @ 159.65 MHz	<0.45 dB
Effective passband @ ± 2.45 MHz	<0.60 dB
	± 2.45 MHz <1.00 dB
	± 3.25 MHz >3.00 dB
	± 5.00 MHz >10.0 dB
	± 10.0 MHz >28.0 dB
	+ 159.65 MHz >60.0 dB (2nd harmonic)
	+ 319.3 MHz >40.0 dB (3rd harmonic)
GROUP DELAY VARIATION (typical)	± 2.45 MHz <45 ns
MAX INPUT POWER RATING**	75 W rms
TEMPERATURE RISE	3 °C / 10 W

Article structure:

ARTICLE: **BPM3C07000A-CC**

BP= Filter Type

M = Frequency band

M = Marine band

3 = Number of poles

C = With/ without temp. comp.

C = without temperature compensation

07 = Filter size

0 = Grade

0 = Natural aluminum temperature 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 159.65 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.