

FM Low Pass filter

14 kW, 3 1/8"

BAND II

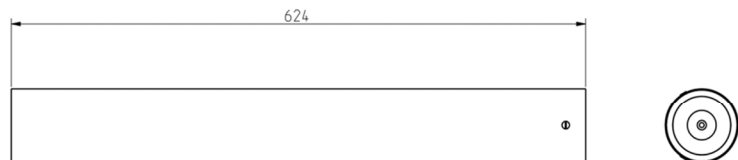
10
year
GUARANTEE

PRODUCT FEATURES

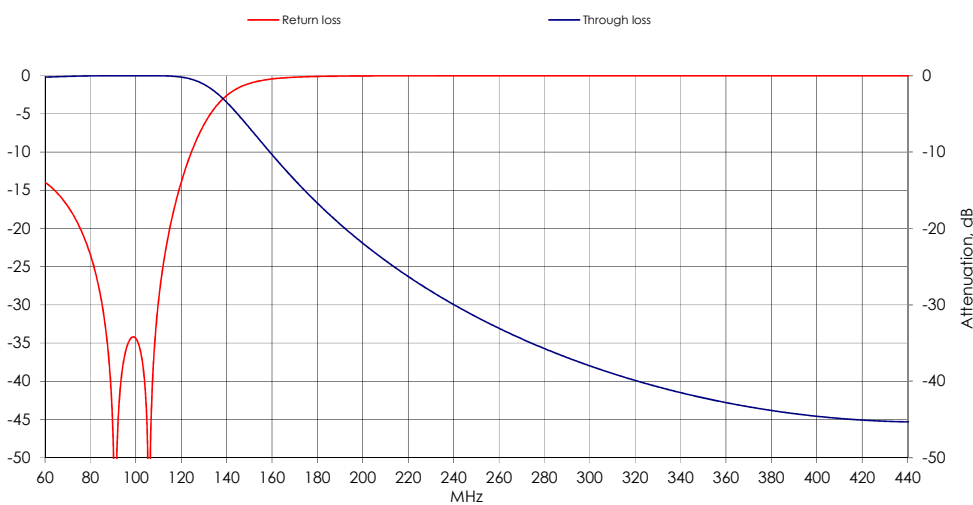
- Low Insertion Loss
- Stop band up to (FOI)
- Low Return Loss
- 10-year comprehensive warranty

SPECIFICATIONS	3 1/8" FM Series
FREQUENCY	87 - 108 MHz
IMPEDANCE	50 Ohm
MAX PRODUCT TEMPERATURE	70 °C
ENVIROMENTAL CONDITION	-5 to 70 °C IP40
CONNECTIONS	3 1/8" unflange

DIMENSIONS AND WEIGHT	
DIMENSIONS	624 x 80 mm
L x D	(24.5 x 3 1/8")
WEIGHT	6 kg (13.2 lb)
STANDARD FRAME	Stand alone
COLOUR	Black



Attenuation & Return loss



TYPICAL DATA*

ARTICLE NO	LPF20577A-0P33
RETURN LOSS (VSWR)	>26 dB (<1.10)
INSERTION LOSS & REJECTION	
Insertion Loss 87-108 MHz	<0.05 dB
Rejection (SOI) 174 - 216 MHz	>10.0 dB
Rejection (TOI) 261 - 324 MHz	>30.0 dB
Rejection (FOI) 348 - 432 MHz	>40.0 dB
MAX INPUT POWER RATING**	14 kW rms
TEMPERATURE RISE	3.57 °C / kW

Article structure:

ARTICLE: LPF20577A-0P33

- LPF= Filter Type
2 = Frequency band
05 = Number of elements
77 = Cavity size
A = Version
0 = Number of cross coupling
P = Coating
3 = Input connection
 3= 3 1/8" unflange
3 = Output connection
 3= 3 1/8" unflange

* Data in table is typical data.. 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 °C with normal air flow. The product can have a maximum surface temperature of + 70 °C. Data are subjected to change without prior notice.