

FM Low Pass filter

105 kW, 6 1/8"

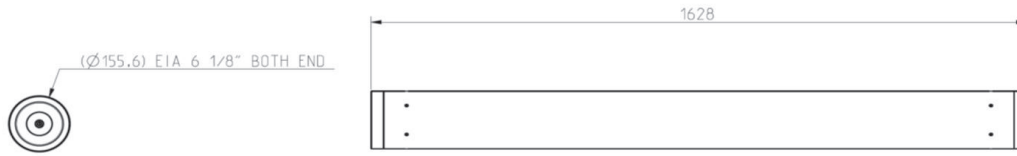
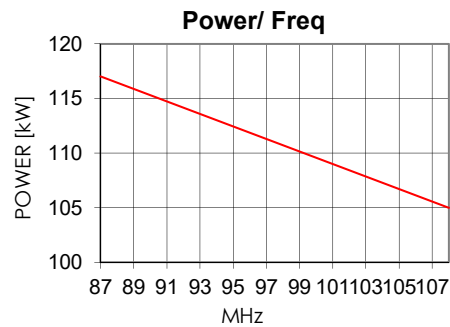


PRODUCT FEATURES

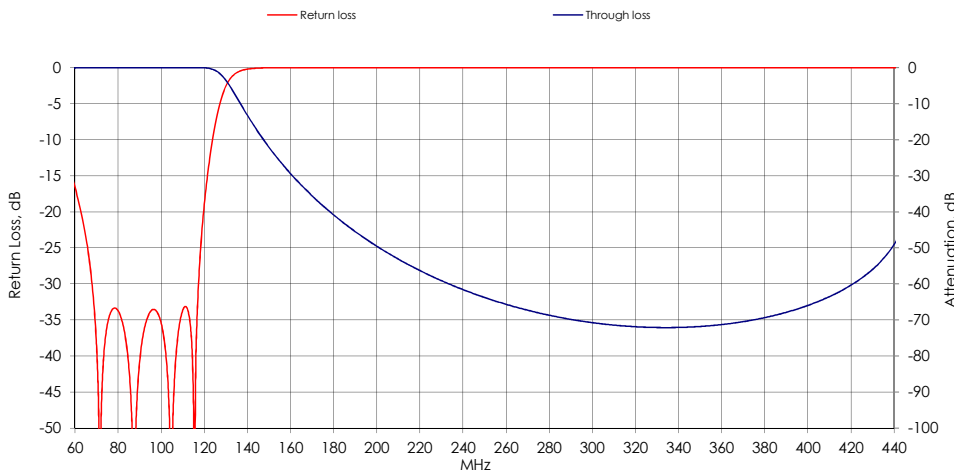
- Low Insertion Loss
- Stop band up to (FOI)
- Low Return Loss
- 10-year comprehensive warranty

SPECIFICATIONS	6 1/8" FM Series
FREQUENCY	87 - 108 MHz
IMPEDANCE	50 Ohm
MAX PRODUCT TEMPERATURE	70 °C
ENVIROMENTAL CONDITION	-5 to 70 °C IP40
CONNECTIONS	6 1/8" unflange

DIMENSIONS AND WEIGHT	
DIMENSIONS	1628 x 155.6 mm
L x D	(64.1 x 6 1/8")
WEIGHT	40 kg (88.2 lb)
STANDARD FRAME	Stand alone
COLOUR	Black



Attenuation & Return loss



TYPICAL DATA*	
ARTICLE NO	LPF20915A-OP66
RETURN LOSS (VSWR)	>26 dB (<1.10)
INSERTION LOSS & REJECTION	
Insertion Loss 87-108 MHz	<0.05 dB
Rejection (SOI) 174 - 216 MHz	>30.0 dB
Rejection (TOI) 261 - 324 MHz	>60.0 dB
Rejection (FOI) 348 - 432 MHz	>50.0 dB
MAX INPUT POWER RATING**	105 kW rms
TEMPERATURE RISE	2.1 °C / kW

Article structure: ARTICLE: LPF20915A-OP66

- LPF= Filter Type
- 2 = Frequency band
- 09 = Number of elements
- 15 = Cavity size
- A = Version
- 0 = Number of cross coupling
- P = Coating
- 6 = Input connection
6= 6 1/8" unflange
- 6 = Output connection
6= 6 1/8" unflange

* Data in table is typical data at 108 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 °C with normal air flow. The product can have a maximum surface temperature of + 70 °C. Data are subjected to change without prior notice.