



ESMR/Public Safety Band (800 MHz) Highpass Filter

Model 18473

This filter provides smooth operation in the 800 MHz band by eliminating potential interference from nearby lower frequency band operations.

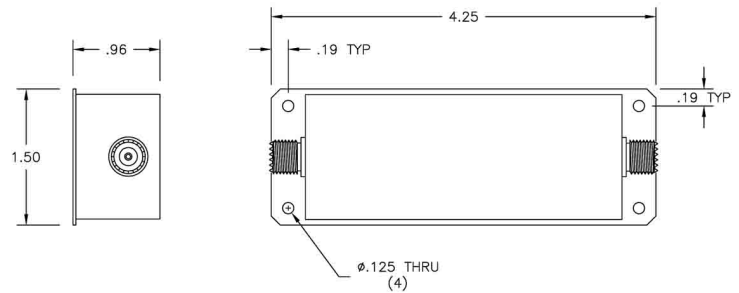
Ideal for Mobile Radio applications
(e.g. – Law Enforcement Vehicles).

Features:

- Temperature Stable Design
- Ruggedized Construction

Applications:

- Suppresses All 700 MHz Downlink Bands (12, 13, 14 & 17)
- Suppresses 700 MHz Uplink Bands (12 & 17)
- Suppresses All DTV (UHF & VHF) Bands



Specifications:

Passband:	806 - 870 MHz
Passband Loss:	2 dB Max
VSWR:	1.29:1 Max
Power Rating (CW):	40 Watts Max
Rejection:	40 dB Typ from DC - 768 MHz
Impedance:	50 ohms
Connectors:	See Chart below
Operating Temp. Range:	-30°C to +60°C
Dimensions:	4.25" x 1.50" x 0.96" (108 mm x 38 mm x 24 mm)

Alternate connectors are available upon request

Model #	Flange Configurations	
	Input	Output
18473	Mini UHF Female	Mini UHF Female
18473-1	N Male	N Female

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