

Coaxial High Pass Filters

850 to 7550 MHz

NEW!
VHF-SERIES



CASE STYLE: FF704
PRICE: \$19.95 ea. QTY (1-9)

Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Power Input	7W* max.

*derate linearly to 3W at 100°C ambient.

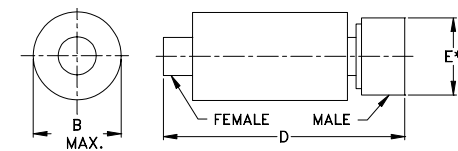
Features

- low cost
- small size
- 7 sections
- temperature stable
- dc block in/out, breakdown voltage, 1kV typ.
- excellent power handling, 7W

Applications

- sub-harmonic rejection and dc blocking
- transmitters/receivers
- lab use

Outline Drawing



B—OVERALL BODY DIMENSION
* ACROSS FLATS

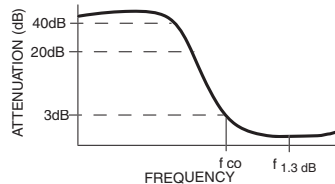
Outline Dimensions (inch mm)

B	D	E	wt.
.461	1.42	.312	grams
11.71	36.07	7.92	10

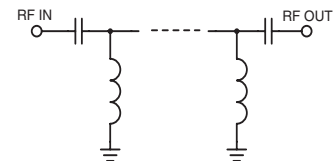
High Pass Filter Electrical Specifications (T_{AMB}=25°C)

MODEL NO.	STOP BAND (MHz)		f _{co} , MHz Nom. (loss 3 dB) Typ.	PASSBAND (MHz)		VSWR Typ. Frequency (MHz) 1.5:1 Stopband	POWER INPUT (W) Max.	NO. OF SECTIONS
	(loss>40 dB) Min.	(loss>20 dB) Min.		(loss<1.3 dB) Max.	(loss<2 dB) Typ.			
VHF-650	390	480	650	850-2000	710-2490	20:1	7	7
VHF-740	430	550	740	900-2200	780-2800	20:1	7	7
VHF-1200	780	940	1180	1340-4000	1220-4600	20:1	7	7
VHF-1500	1140	1280	1530	1700-4500	1560-6300	20:1	7	7
VHF-1760	950	1230	1760	2100-5200	1900-5500	20:1	7	7
VHF-2000	1300	1530	2000	2410-5830	2260-6250	20:1	7	7
VHF-2275	1400	1770	2275	2640-6230	2450-7000	20:1	7	7
VHF-2700	1600	2000	2700	3150-6500	2800-7550	20:1	7	7

typical frequency response



schematic



Typical Performance Charts

