

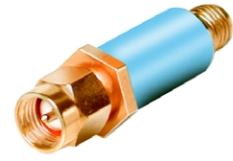
Coaxial

Low Pass Filter

DC to 105 MHz

NEW!

VLF-105



CASE STYLE: FF704

PRICE: \$19.95 ea. QTY (10-24)

Maximum Ratings

Operating Temperature -55°C to 100°C

Storage Temperature -55°C to 100°C

RF Power Input 8.5*W max. at 25°C

DC Current Input to Output 0.5A max. at 25°C

*Passband rating, derate linearly to 3.5W at 100°C ambient.

Features

- low cost
- small size
- 7 sections
- temperature stable
- patent pending

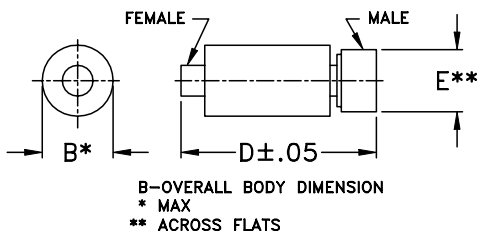
Applications

- harmonic rejection
- transmitters/receivers
- lab use

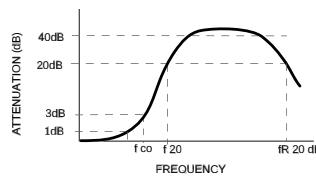
Low Pass Filter Electrical Specifications (T_{AMB}=25°C)

MODEL NO.	PASSBAND (MHz) (loss < 1 dB) Max.	fco, MHz Nom. (loss 3 dB) Typ.	STOP BAND (MHz) (loss, dB)			VSWR (:1)		NO.OF SECTIONS
			f20 Min.	40 Typ.	fr 20 Typ.	Stopband Typ.	Passband Typ.	
LFCN-105	DC-105	180	250	265-1650	4750	20	1.2	7

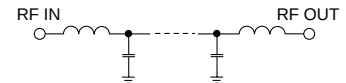
Outline Drawing



typical frequency response



schematic



Typical Performance Data at 25°C

Frequency (MHz)	Insertion Loss (dB)	VSWR (:1)
1.00	0.17	1.04
51.00	0.42	1.06
100.00	0.70	1.12
150.00	1.18	1.11
180.00	1.94	1.44
200.00	3.47	1.93
250.00	18.52	4.06
260.00	24.46	4.16
300.00	44.49	4.95
1050.00	62.21	96.51
1750.00	42.50	57.91
2550.00	28.22	26.74
3550.00	25.32	29.46
4050.00	22.87	35.46
4750.00	22.07	18.11

Outline Dimensions (inch/mm)

B	D	E	wt.
.410	1.43	.312	grams
10.41	36.32	7.92	10.0

