

# Coaxial Band Pass Filter (Constant Impedance)

# NIF-70

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	GROUP DELAY (nsec)
1.00	36.56	49.50	4.4	1.965
1.70	32.08	45.90	4.5	1.803
2.40	29.16	43.70	8.4	2.416
3.00	27.01	41.60	12.2	2.736
3.70	25.26	40.10	16.1	2.984
4.40	23.82	38.70	17.0	3.059
6.00	21.13	36.20	26.2	3.326
12.70	14.61	29.40	35.1	3.817
16.00	12.53	27.50	43.9	4.422
20.00	10.51	25.50	44.7	4.419
28.30	7.27	22.70	57.9	5.270
36.70	4.76	21.30	58.9	5.288
45.00	2.79	21.30	62.0	5.357
58.00	0.77	27.90	65.3	5.248
63.70	0.34	29.70	68.8	5.146
70.00	0.24	26.90	72.4	4.843
74.70	0.35	25.10	75.0	4.639
105.00	2.87	17.90	79.0	4.231
110.00	3.34	18.00	81.8	3.959
166.70	7.80	20.20	83.2	3.803
223.30	11.10	21.30	105.9	2.168
280.00	13.80	23.00	107.8	2.082
290.00	14.28	23.10	166.0	0.886
423.30	20.50	24.90	222.6	0.581
490.00	24.04	25.10	278.6	0.458
500.00	24.60	25.00	342.8	0.360
512.50	25.30	24.90	348.7	0.351
525.00	25.98	24.80	421.7	0.199
537.50	26.70	24.60	484.2	0.031
550.00	27.34	24.50	492.6	0.079

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