

# Coaxial Band Pass Filter (Elliptic Response)

# SBP-70+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	GROUP DELAY (nsec)
1.00	74.05	0.10	6.00	9.637
2.00	72.12	0.10	7.00	4.541
3.00	70.17	0.10	21.60	3.025
4.00	65.27	0.10	36.30	5.629
5.00	62.16	0.10	51.30	33.642
6.00	58.09	0.10	52.20	29.619
10.00	49.84	0.10	54.00	17.384
37.30	26.90	0.20	55.90	8.664
51.00	31.67	0.60	57.90	42.682
52.00	31.71	0.80	58.90	44.815
55.30	10.89	2.20	63.10	36.286
57.00	5.56	4.80	64.20	32.857
58.00	3.59	7.70	65.30	30.036
63.00	1.24	26.80	67.60	26.418
66.20	1.10	27.10	70.00	24.706
70.00	1.11	22.30	71.20	24.425
72.70	1.18	21.20	73.70	24.966
82.00	2.13	18.80	75.00	25.878
85.00	6.18	5.10	77.60	28.843
88.00	12.70	2.10	80.40	31.882
91.00	22.06	1.20	81.80	32.569
94.00	32.17	0.90	83.20	32.242
95.00	33.31	0.80	86.10	26.228
160.30	35.43	0.30	90.70	2.764
193.00	41.33	0.30	93.90	14.126
200.00	42.38	0.30	95.50	17.176
400.00	60.24	0.70	128.10	2.113
600.00	53.81	0.80	160.30	1.095
800.00	46.59	0.70	190.50	0.413
1000.00	42.50	0.70	193.90	0.375

REV. X1  
SBP-70+  
060725  
Page 1 of 1



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