

Coaxial High Pass Filter

SHP-100

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	GROUP DELAY (nsec)
0.3	89.11	0.00	31.0	8.89
8.0	99.03	0.00	40.0	6.70
15.0	99.15	0.00	46.0	3.14
23.0	85.95	0.01	55.0	7.36
31.0	70.59	0.02	62.0	10.03
40.0	57.79	0.04	70.0	15.90
46.0	47.39	0.07	71.0	17.05
55.0	35.98	0.14	72.0	18.27
62.0	25.00	0.29	73.0	19.57
70.0	14.11	0.78	74.0	20.91
71.0	12.77	0.93	75.0	22.25
72.0	11.45	1.11	76.0	23.51
73.0	10.16	1.35	77.0	24.52
74.0	8.90	1.65	78.0	25.23
75.0	7.70	2.02	79.0	25.61
76.0	6.57	2.50	80.0	25.55
77.0	5.53	3.09	81.0	25.11
78.0	4.58	3.80	82.0	24.35
79.0	3.76	4.64	83.0	23.32
80.0	3.05	5.61	84.0	22.20
81.0	2.45	6.68	85.0	21.00
82.0	1.97	7.85	90.0	15.92
83.0	1.59	9.08	195.0	2.32
84.0	1.30	10.34	305.0	1.06
85.0	1.07	11.60	415.0	0.70
90.0	0.60	17.02	525.0	0.55
195.0	0.20	20.29	635.0	0.47
305.0	0.26	16.03	745.0	0.44
415.0	0.27	17.08	855.0	0.39
525.0	0.25	18.91	965.0	0.38
635.0	0.23	20.93	1075.0	0.38
745.0	0.22	23.04	1180.0	0.42
855.0	0.24	25.13	1290.0	0.37
965.0	0.23	27.11	1400.0	0.35
1075.0	0.21	28.66	1510.0	0.34
1290.0	0.23	29.30	1730.0	0.31
1400.0	0.24	28.38	1840.0	0.31
1510.0	0.24	27.07	1950.0	0.29
1620.0	0.26	25.53	2000.0	0.31
1730.0	0.28	23.89	2060.0	0.32
1840.0	0.27	22.20	2165.0	0.36
1950.0	0.27	20.54	2275.0	0.34
2000.0	0.25	20.00	2385.0	0.21
2060.0	0.21	18.99	2495.0	0.33
2165.0	0.15	17.46	2605.0	0.43
2495.0	0.14	13.34	2935.0	0.75
2605.0	0.13	12.10	3045.0	0.55
2825.0	0.62	10.99	3260.0	0.40
3045.0	1.04	10.64	3480.0	0.25
3260.0	1.89	8.96	3700.0	0.38
3480.0	2.64	9.03	3920.0	0.21
3700.0	2.11	10.91	4135.0	0.75
3810.0	3.79	9.99	4245.0	0.83
4030.0	3.57	8.16	4465.0	1.04

REV. X1
SHP-100
060818

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