

Coaxial High Pass Filter

SHP-50+

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	GROUP DELAY (nsec)
10.0	69.20	0.15	20.0	18.03
20.0	45.38	0.39	23.0	17.25
23.0	35.12	0.45	24.0	18.34
24.0	31.83	0.49	25.0	20.49
25.0	28.58	0.56	26.0	22.61
26.0	25.35	0.57	27.0	25.36
27.0	22.14	0.65	28.0	28.85
28.0	18.94	0.70	29.0	33.07
29.0	15.74	0.83	30.0	37.79
30.0	12.65	1.08	33.0	48.74
34.0	2.95	5.90	34.0	49.90
35.0	1.94	9.57	35.0	49.53
36.0	1.35	15.32	36.0	47.70
37.0	1.09	25.05	37.0	44.59
38.0	0.94	27.33	38.0	40.68
39.0	0.89	21.46	39.0	36.49
40.0	0.82	19.28	40.0	32.54
42.0	0.72	18.59	42.0	26.41
43.0	0.69	19.15	43.0	24.22
44.0	0.65	20.27	44.0	22.42
45.0	0.61	21.55	45.0	20.92
50.0	0.51	37.04	50.0	15.63
100.0	0.26	30.08	100.0	3.44
150.0	0.24	22.26	150.0	1.65
200.0	0.24	20.42	200.0	1.07
250.0	0.25	19.84	250.0	0.79
300.0	0.26	19.21	300.0	0.65
350.0	0.28	18.69	350.0	0.56
400.0	0.29	18.08	400.0	0.50
450.0	0.31	17.49	450.0	0.46
500.0	0.32	16.88	500.0	0.44
550.0	0.35	16.38	550.0	0.42
600.0	0.37	15.79	600.0	0.40
650.0	0.40	15.36	650.0	0.38
700.0	0.41	14.80	700.0	0.36
750.0	0.44	14.36	750.0	0.36
800.0	0.46	13.93	800.0	0.36
850.0	0.49	13.55	850.0	0.34
900.0	0.51	13.17	900.0	0.35
950.0	0.54	12.86	950.0	0.34
1000.0	0.56	12.53	1000.0	0.35
1500.0	0.85	10.33	1500.0	0.36
2000.0	1.91	9.70	2000.0	0.42
3000.0	2.72	15.11	3000.0	0.42
3500.0	1.12	47.11	3500.0	0.42
4000.0	3.85	17.63	4000.0	0.67
5000.0	5.41	17.95	5000.0	0.52
5500.0	4.85	9.04	5500.0	0.73
6000.0	5.84	9.26	6000.0	0.79
6500.0	4.11	5.15	6500.0	0.62
7000.0	6.48	10.45	7000.0	0.79
8000.0	7.61	7.82	8000.0	0.95
8500.0	8.14	8.78	8500.0	0.80
9000.0	15.05	4.08	9000.0	0.79
10000.0	8.77	10.58	10000.0	1.26

REV. X1
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