

# Coaxial High Pass Filter

# SHP-500+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	GROUP DELAY (nsec)
10.0	73.03	0.04	100.0	19.48
100.0	91.45	0.05	150.0	0.55
150.0	74.69	0.11	200.0	0.67
200.0	63.66	0.07	250.0	0.99
250.0	52.21	0.13	290.0	1.21
290.0	42.87	0.14	350.0	1.66
350.0	28.65	0.25	360.0	1.79
360.0	26.21	0.27	370.0	1.97
370.0	23.73	0.31	375.0	2.07
375.0	22.47	0.33	380.0	2.19
380.0	21.21	0.35	385.0	2.33
385.0	19.93	0.39	390.0	2.49
390.0	18.64	0.44	420.0	3.97
420.0	10.81	1.14	422.0	4.11
424.0	9.77	1.37	424.0	4.26
428.0	8.74	1.67	428.0	4.57
430.0	8.23	1.85	430.0	4.72
446.0	4.60	4.37	446.0	5.71
456.0	2.88	7.30	456.0	5.80
475.0	1.13	18.01	475.0	4.81
480.0	0.93	22.88	480.0	4.48
485.0	0.80	27.62	485.0	4.18
490.0	0.71	26.06	490.0	3.92
495.0	0.66	22.82	495.0	3.68
500.0	0.62	20.70	500.0	3.48
550.0	0.51	20.30	550.0	2.43
600.0	0.40	31.22	600.0	1.92
650.0	0.39	20.55	650.0	1.57
700.0	0.40	18.20	700.0	1.33
750.0	0.39	18.39	750.0	1.17
800.0	0.36	20.02	800.0	1.05
850.0	0.33	22.82	850.0	0.95
900.0	0.31	26.73	900.0	0.88
950.0	0.30	30.22	950.0	0.80
1000.0	0.29	28.75	1000.0	0.74
1500.0	0.34	22.42	1500.0	0.48
1940.0	0.35	30.48	1940.0	0.41
2390.0	0.39	38.09	2390.0	0.37
2840.0	0.46	25.35	2840.0	0.35
3280.0	0.59	18.45	3280.0	0.33
3730.0	0.73	14.49	3730.0	0.33
4180.0	0.89	12.02	4180.0	0.32
4630.0	1.04	10.95	4630.0	0.32
5070.0	1.09	11.33	5070.0	0.32
5520.0	1.02	13.93	5520.0	0.33
5970.0	0.98	24.20	5970.0	0.35
6420.0	1.14	17.83	6420.0	0.37
6860.0	2.43	11.14	6860.0	0.26
7310.0	2.52	8.21	7310.0	0.43
7760.0	5.78	6.83	7760.0	0.16
8210.0	4.67	6.15	8210.0	0.46
8650.0	9.93	7.24	8650.0	0.69
9100.0	8.47	4.07	9100.0	0.54
9550.0	10.12	3.95	9550.0	0.65
10000.0	11.2	14.12	10000.0	0.78

REV. X1  
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070628  
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