

# Coaxial High Pass Filter

# SHP-250+

## Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	FREQUENCY (MHz)	GROUP DELAY (nsec)
10.0	72.15	0.03	100.0	2.23
100.0	57.26	0.08	130.0	2.59
130.0	40.71	0.18	140.0	2.90
140.0	35.39	0.20	150.0	3.17
150.0	30.09	0.22	160.0	3.63
160.0	24.78	0.26	170.0	4.32
170.0	19.43	0.34	180.0	5.39
180.0	14.04	0.53	185.0	6.14
185.0	11.37	0.71	189.0	6.89
189.0	9.28	0.94	190.0	7.09
190.0	8.77	1.02	199.0	9.19
199.0	4.65	2.21	200.0	9.41
200.0	4.26	2.43	202.0	9.83
202.0	3.56	2.93	204.0	10.18
204.0	2.94	3.56	205.0	10.32
205.0	2.66	3.91	206.0	10.43
206.0	2.41	4.31	208.0	10.56
208.0	1.96	5.20	209.0	10.58
209.0	1.77	5.71	210.0	10.58
210.0	1.60	6.27	212.0	10.47
213.0	1.18	8.21	213.0	10.37
214.0	1.08	8.97	214.0	10.24
215.0	0.99	9.78	215.0	10.09
250.0	0.42	17.28	250.0	4.82
300.0	0.30	30.05	300.0	2.94
350.0	0.28	28.44	350.0	2.07
400.0	0.23	27.07	400.0	1.59
450.0	0.21	30.82	450.0	1.29
500.0	0.19	33.64	500.0	1.09
550.0	0.19	33.90	550.0	0.94
600.0	0.19	30.85	600.0	0.83
650.0	0.19	29.50	650.0	0.74
700.0	0.19	28.81	700.0	0.67
750.0	0.19	28.39	750.0	0.63
800.0	0.20	28.48	800.0	0.58
850.0	0.20	28.65	850.0	0.55
900.0	0.20	29.04	900.0	0.52
950.0	0.20	29.40	950.0	0.49
1000.0	0.20	29.79	1000.0	0.47
1500.0	0.24	29.34	1500.0	0.37
2000.0	0.29	27.11	2000.0	0.34
2500.0	0.38	21.50	2500.0	0.33
3000.0	0.51	16.22	3000.0	0.32
3500.0	0.70	13.79	3500.0	0.32
4500.0	0.74	15.92	4500.0	0.33
5000.0	0.74	26.24	5000.0	0.36
5500.0	2.65	9.53	5500.0	0.74
6000.0	7.57	8.01	6000.0	0.81
6500.0	4.08	10.86	6500.0	0.27
7000.0	5.94	8.83	7000.0	0.43
8000.0	13.69	1.86	8000.0	0.67
8500.0	7.49	4.19	8500.0	1.15
9000.0	3.42	5.35	9000.0	0.36
9500.0	5.48	15.14	9500.0	0.58
10000.0	7.16	14.10	10000.0	0.57

REV. X1  
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070628  
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