

Coaxial High Pass Filter

ZFHP-0R75-S+

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
0.030	78.96	79.71	79.68	0.01	0.01	0.00	0.01	0.00	0.00
0.065	75.65	75.52	75.09	0.01	0.01	0.01	0.02	0.01	0.02
0.110	90.64	90.46	91.82	0.02	0.01	0.02	0.03	0.02	0.03
0.125	79.41	79.90	80.39	0.02	0.01	0.03	0.04	0.02	0.03
0.150	68.38	68.63	68.65	0.03	0.02	0.04	0.05	0.03	0.04
0.190	60.40	60.28	60.55	0.05	0.04	0.05	0.07	0.05	0.06
0.225	56.31	55.85	56.36	0.07	0.05	0.07	0.10	0.06	0.08
0.270	52.13	51.73	52.41	0.12	0.09	0.12	0.15	0.09	0.12
0.300	48.86	49.06	49.57	0.19	0.12	0.17	0.21	0.13	0.16
0.320	46.02	46.94	47.06	0.25	0.15	0.22	0.26	0.15	0.20
0.365	40.61	41.37	40.78	0.58	0.29	0.47	0.47	0.24	0.34
0.390	50.99	39.83	42.09	1.08	0.42	0.82	0.67	0.33	0.46
0.395	39.22	40.15	45.40	1.26	0.45	0.95	0.72	0.35	0.49
0.405	27.52	42.79	43.59	1.76	0.52	1.30	0.84	0.39	0.57
0.415	19.58	61.02	29.63	2.56	0.62	1.89	1.02	0.45	0.66
0.430	11.05	31.31	17.82	4.30	0.81	3.52	1.67	0.56	0.90
0.450	5.15	16.32	9.01	5.98	1.57	4.96	3.76	0.87	1.87
0.465	3.20	8.85	5.72	6.86	2.82	4.87	5.57	1.66	3.22
0.480	2.15	4.25	3.80	8.03	5.35	5.29	7.15	3.77	4.63
0.500	1.41	1.79	2.36	9.80	9.59	6.64	8.93	8.26	6.40
0.600	0.57	0.46	0.73	14.63	19.84	12.84	13.91	18.55	12.36
1.000	0.18	0.15	0.20	18.07	20.10	17.47	18.53	20.97	18.11
2.500	0.12	0.07	0.11	17.23	20.91	18.55	17.14	20.94	18.56
3.450	0.08	0.06	0.08	19.11	22.61	20.43	19.02	22.61	20.43
7.000	0.05	0.03	0.07	23.76	26.99	24.96	23.70	26.99	25.00
14.000	0.09	0.09	0.14	27.87	29.95	29.05	27.90	30.07	29.16
25.000	0.15	0.17	0.21	30.04	31.70	32.14	30.55	32.01	31.57
190.000	0.16	0.19	0.21	37.10	38.16	34.29	33.82	37.54	48.16
250.000	0.20	0.24	0.25	33.24	42.96	37.29	33.07	41.75	38.65
330.000	0.25	0.30	0.33	37.10	39.62	30.26	35.90	40.96	31.13
350.000	0.29	0.36	0.40	37.21	34.82	29.44	37.17	34.73	29.36
365.000	0.38	0.45	0.49	32.20	31.80	28.91	33.21	31.09	27.98
380.000	0.52	0.57	0.58	28.01	29.71	29.25	28.73	28.38	27.08
405.000	0.50	0.54	0.55	26.77	30.46	34.87	26.63	27.97	27.69
420.000	0.41	0.47	0.50	27.85	32.37	40.68	27.50	29.13	28.78
435.000	0.37	0.43	0.45	29.16	34.64	45.30	28.59	30.30	29.51
465.000	0.33	0.39	0.42	32.63	41.39	38.51	30.40	31.20	29.25
500.000	0.35	0.42	0.47	40.96	52.72	33.43	29.72	29.26	27.79
520.000	0.40	0.48	0.53	59.26	40.11	31.48	27.72	27.28	26.36
530.000	0.45	0.53	0.57	43.91	36.87	30.67	26.63	26.29	25.86
545.000	0.54	0.62	0.65	35.78	33.21	29.35	24.86	24.89	25.15
565.000	0.67	0.73	0.74	30.38	29.89	28.25	22.89	23.64	24.40
580.000	0.71	0.76	0.76	28.28	28.63	28.21	22.39	23.53	24.65
600.000	0.64	0.70	0.73	27.24	28.23	28.43	22.96	24.41	25.98
615.000	0.56	0.64	0.68	27.42	28.43	29.04	23.85	25.45	26.98
630.000	0.50	0.59	0.64	27.95	28.83	29.77	24.96	26.63	27.99
665.000	0.47	0.57	0.63	28.38	28.98	29.29	27.47	28.72	29.86
675.000	0.48	0.59	0.65	28.31	28.70	29.14	27.80	28.84	29.43
680.000	0.49	0.60	0.65	28.20	28.50	29.01	27.89	28.79	29.13
685.000	0.50	0.61	0.67	28.02	28.25	28.82	27.90	28.64	28.84
695.000	0.54	0.65	0.70	27.40	27.65	28.20	27.73	28.13	28.31
715.000	0.64	0.74	0.78	25.48	25.99	26.51	26.05	26.22	26.72
730.000	0.73	0.81	0.84	24.10	24.80	25.75	24.06	24.53	25.10
745.000	0.81	0.88	0.89	22.97	23.92	25.15	22.38	23.16	23.88
750.000	0.84	0.91	0.92	22.86	23.91	25.14	22.07	22.93	23.74
800.000	0.71	0.80	0.85	22.18	23.53	24.79	20.55	21.65	22.42
850.000	0.55	0.67	0.73	23.02	24.44	25.43	21.17	21.94	22.46
875.000	0.51	0.63	0.70	23.31	24.84	25.50	21.54	22.17	22.69
950.000	0.47	0.61	0.69	24.40	25.99	26.38	21.64	22.21	22.41
1000.000	0.49	0.64	0.73	25.50	26.72	26.67	21.77	21.91	22.00



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IF/RF MICROWAVE COMPONENTS

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
0.750	1037.32	1193.37	1109.90
0.850	713.86	795.09	751.69
1.000	463.97	508.50	483.79
1.150	327.71	358.22	341.24
1.300	245.35	267.52	255.33
1.400	206.64	225.43	215.27
1.500	177.18	192.65	184.60
1.600	153.30	166.68	159.45
1.750	126.67	137.06	131.18
1.800	119.22	129.18	123.73
1.900	106.65	114.85	110.26
2.000	95.25	102.88	99.00
2.200	78.37	84.37	80.84
2.400	65.83	70.16	67.92
2.550	57.67	61.83	59.77
2.700	51.47	54.94	53.18
2.850	46.50	49.67	48.02
3.000	41.55	44.48	42.94
3.150	37.94	40.27	39.02
3.400	32.54	34.52	33.62
3.600	29.13	30.83	29.96
3.850	25.29	26.83	26.02
5.000	17.80	18.90	18.42
7.000	10.54	11.17	10.84
10.000	4.69	5.03	4.81
13.000	2.75	2.93	2.80
18.000	1.55	1.60	1.49
21.000	1.18	1.17	1.09
25.000	0.90	0.89	0.84
30.000	0.66	0.66	0.65
36.000	0.55	0.55	0.53
43.000	0.48	0.48	0.46
49.000	0.45	0.43	0.42
53.000	0.43	0.42	0.40
55.000	0.41	0.40	0.39
61.000	0.40	0.38	0.39
70.000	0.38	0.37	0.36
79.000	0.36	0.35	0.34
84.000	0.35	0.33	0.33
89.000	0.36	0.36	0.33
93.000	0.35	0.34	0.32
95.000	0.37	0.35	0.33
125.000	0.33	0.32	0.31
245.000	0.31	0.30	0.29
265.000	0.32	0.31	0.30
295.000	0.34	0.33	0.30
320.000	0.33	0.32	0.31
350.000	0.36	0.34	0.31
365.000	0.32	0.29	0.25
370.000	0.28	0.25	0.22
375.000	0.23	0.21	0.20
385.000	0.15	0.15	0.16
400.000	0.16	0.17	0.18
405.000	0.20	0.20	0.20
410.000	0.24	0.23	0.23
415.000	0.27	0.26	0.25
420.000	0.30	0.29	0.27
430.000	0.33	0.31	0.29
450.000	0.34	0.33	0.31
500.000	0.36	0.34	0.32