

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
1	119.30	99.18	101.25	0.01	0.01	0.00	0.00	0.00	0.00
20	88.82	87.09	98.49	0.01	0.00	0.01	0.00	0.00	0.00
60	89.99	92.16	82.87	0.01	0.00	0.02	0.00	0.00	0.02
100	95.71	85.00	108.18	0.02	0.02	0.03	0.01	0.01	0.04
160	80.23	82.83	76.25	0.05	0.07	0.09	0.06	0.09	0.12
170	73.50	73.79	73.46	0.05	0.07	0.09	0.03	0.06	0.09
190	67.26	67.14	67.93	0.07	0.09	0.12	0.05	0.08	0.12
210	61.67	60.77	61.11	0.09	0.12	0.14	0.07	0.11	0.15
240	52.32	52.09	52.12	0.13	0.16	0.20	0.14	0.19	0.23
255	48.18	48.04	48.07	0.15	0.17	0.21	0.13	0.18	0.22
260	46.87	46.83	46.86	0.16	0.19	0.22	0.13	0.18	0.22
275	42.94	42.90	42.85	0.17	0.21	0.24	0.16	0.22	0.26
295	37.94	37.91	37.88	0.21	0.24	0.28	0.19	0.25	0.29
320	31.97	31.97	31.94	0.24	0.29	0.33	0.24	0.30	0.35
340	27.30	27.26	27.24	0.28	0.33	0.38	0.27	0.34	0.40
355	23.95	23.93	23.90	0.32	0.38	0.42	0.31	0.38	0.44
385	17.02	16.98	16.96	0.47	0.54	0.59	0.46	0.55	0.62
405	12.31	12.28	12.23	0.71	0.80	0.87	0.70	0.81	0.89
415	10.00	9.96	9.91	0.96	1.06	1.14	0.94	1.06	1.16
430	6.96	6.91	6.87	1.66	1.80	1.91	1.66	1.82	1.95
440	4.88	4.85	4.81	2.53	2.72	2.86	2.51	2.72	2.88
453	2.69	2.70	2.70	4.49	4.76	4.99	4.49	4.79	5.03
461	1.86	1.89	1.90	6.33	6.70	6.98	6.34	6.72	7.02
467	1.39	1.42	1.45	8.12	8.56	8.90	8.14	8.61	8.97
472	1.04	1.09	1.13	9.92	10.43	10.82	9.95	10.51	10.93
483	0.57	0.65	0.72	15.13	15.93	16.51	15.30	16.19	16.82
491	0.44	0.53	0.60	20.78	21.99	22.86	21.46	22.98	24.16
500	0.38	0.47	0.54	29.32	29.42	29.12	38.96	42.01	38.43
507	0.36	0.46	0.53	26.01	24.89	24.32	27.85	26.32	25.54
519	0.38	0.48	0.55	20.19	19.72	19.55	20.48	19.99	19.83
535	0.38	0.47	0.54	17.39	17.26	17.27	17.48	17.37	17.38
550	0.40	0.48	0.55	16.65	16.68	16.79	16.67	16.72	16.85
555	0.41	0.49	0.55	16.61	16.68	16.84	16.63	16.72	16.88
560	0.41	0.50	0.56	16.66	16.79	16.96	16.69	16.84	17.01
570	0.39	0.46	0.53	16.99	17.20	17.43	17.01	17.26	17.49
575	0.36	0.44	0.50	17.23	17.51	17.75	17.26	17.57	17.83
595	0.32	0.39	0.45	18.82	19.30	19.71	18.87	19.40	19.81
615	0.28	0.36	0.42	21.30	22.08	22.71	21.47	22.31	22.97
635	0.25	0.32	0.39	24.74	25.82	26.65	25.19	26.58	27.57
660	0.23	0.31	0.37	29.23	29.21	29.00	30.94	31.44	31.38
695	0.21	0.29	0.36	25.34	24.09	23.37	25.97	24.75	24.06
710	0.24	0.33	0.39	23.27	22.17	21.59	23.61	22.60	22.07
735	0.21	0.30	0.37	20.73	19.93	19.48	20.86	20.15	19.75
740	0.23	0.32	0.38	20.33	19.58	19.14	20.47	19.79	19.43
770	0.26	0.35	0.42	18.64	18.04	17.75	18.65	18.16	17.92
795	0.27	0.37	0.43	17.73	17.22	17.00	17.72	17.29	17.13
835	0.30	0.38	0.45	16.98	16.55	16.42	16.91	16.56	16.51
850	0.35	0.44	0.51	16.80	16.41	16.32	16.71	16.41	16.38
860	0.28	0.38	0.45	16.71	16.36	16.28	16.61	16.35	16.32
895	0.36	0.46	0.53	16.59	16.36	16.37	16.48	16.33	16.39
950	0.26	0.35	0.42	16.93	16.87	16.96	16.74	16.76	16.92
975	0.34	0.42	0.48	17.21	17.25	17.39	17.00	17.07	17.31
995	0.24	0.34	0.41	17.44	17.59	17.78	17.23	17.40	17.66
1030	0.35	0.43	0.50	18.06	18.37	18.66	17.74	18.08	18.42
1065	0.27	0.36	0.42	18.83	19.29	19.65	18.48	18.92	19.36
1170	0.23	0.31	0.38	22.04	23.08	23.72	21.25	22.11	22.74
1275	0.17	0.27	0.35	26.08	27.10	27.14	24.66	25.34	25.42
1395	0.17	0.28	0.36	26.54	25.01	24.05	25.61	24.25	23.54
1500	0.17	0.30	0.39	23.52	21.74	21.09	23.25	21.64	21.00
1600	0.20	0.33	0.43	21.20	19.79	19.41	21.21	19.91	19.55



Plug-In High Pass Filter

PHP-500+

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
500	3.42	3.37	3.36
501	3.36	3.32	3.31
502	3.32	3.30	3.28
503	3.29	3.26	3.24
504	3.26	3.22	3.20
506	3.18	3.14	3.12
508	3.12	3.08	3.06
510	3.05	3.02	2.99
512	2.98	2.95	2.93
513	2.94	2.91	2.89
515	2.87	2.85	2.83
517	2.83	2.78	2.77
519	2.77	2.73	2.72
521	2.72	2.69	2.66
522	2.70	2.66	2.65
525	2.63	2.59	2.58
535	2.47	2.45	2.44
545	2.33	2.30	2.29
550	2.22	2.21	2.19
555	2.13	2.11	2.10
560	2.04	2.03	2.02
570	1.97	1.95	1.95
580	1.93	1.92	1.91
590	1.85	1.84	1.84
600	1.76	1.74	1.75
610	1.69	1.67	1.67
620	1.64	1.64	1.62
630	1.60	1.58	1.58
640	1.53	1.52	1.52
650	1.47	1.46	1.46
660	1.42	1.40	1.41
675	1.37	1.35	1.35
705	1.22	1.22	1.21
720	1.19	1.16	1.17
755	1.05	1.04	1.03
795	0.98	0.97	0.97
810	0.93	0.91	0.91
820	0.98	0.96	0.96
830	0.97	0.97	0.96
835	0.91	0.91	0.91
840	0.84	0.83	0.82
855	0.80	0.78	0.78
900	0.71	0.68	0.69
935	0.65	0.64	0.63
950	0.73	0.71	0.72
995	0.70	0.69	0.69
1005	0.66	0.65	0.65
1030	0.69	0.68	0.68
1050	0.63	0.63	0.63
1095	0.62	0.61	0.61
1145	0.58	0.57	0.58
1180	0.57	0.56	0.56
1255	0.55	0.54	0.54
1280	0.53	0.52	0.52
1320	0.51	0.50	0.50
1395	0.50	0.49	0.49
1430	0.49	0.48	0.48
1475	0.48	0.47	0.47
1540	0.45	0.44	0.44
1600	0.44	0.43	0.43