

*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	98.16	105.49	101.15	0.00	0.01	0.00	0.00	0.00	0.01
20	79.70	90.59	83.26	0.01	0.00	0.01	0.01	0.00	0.00
40	92.71	83.77	87.05	0.00	0.00	0.01	0.01	0.00	0.00
70	87.93	85.25	90.12	0.00	0.01	0.00	0.00	0.01	0.02
110	85.36	87.67	102.21	0.00	0.02	0.01	0.01	0.03	0.03
130	88.40	84.02	95.37	0.00	0.03	0.03	0.02	0.01	0.02
170	91.97	87.00	95.21	0.02	0.05	0.05	0.01	0.04	0.04
190	78.47	81.73	80.13	0.04	0.06	0.07	0.01	0.05	0.07
210	76.02	75.73	76.60	0.05	0.08	0.09	0.03	0.07	0.09
230	69.21	71.82	70.63	0.06	0.09	0.11	0.03	0.08	0.11
250	65.52	65.67	65.00	0.09	0.13	0.13	0.06	0.11	0.13
270	60.12	60.19	60.04	0.10	0.14	0.16	0.06	0.12	0.14
290	54.97	54.73	54.70	0.12	0.17	0.19	0.10	0.16	0.18
310	50.51	50.43	50.53	0.14	0.19	0.21	0.10	0.17	0.20
325	47.10	47.03	47.02	0.17	0.21	0.23	0.15	0.22	0.25
335	44.80	44.80	44.91	0.17	0.22	0.24	0.13	0.21	0.23
360	39.85	39.84	39.80	0.21	0.26	0.29	0.17	0.25	0.29
385	34.66	34.66	34.65	0.24	0.29	0.32	0.20	0.28	0.32
420	27.70	27.73	27.69	0.30	0.36	0.40	0.26	0.34	0.39
455	20.99	21.00	20.95	0.39	0.46	0.50	0.34	0.43	0.49
485	15.28	15.27	15.22	0.56	0.64	0.69	0.51	0.62	0.69
505	11.27	11.24	11.16	0.83	0.93	0.99	0.79	0.92	1.00
520	8.46	8.42	8.36	1.27	1.40	1.48	1.24	1.39	1.50
535	5.59	5.56	5.51	2.12	2.28	2.41	2.09	2.29	2.44
555	2.87	2.87	2.84	4.53	4.81	5.04	4.52	4.86	5.11
575	1.06	1.11	1.14	9.40	9.90	10.31	9.51	10.10	10.56
600	0.44	0.54	0.60	21.21	22.06	22.51	23.40	25.07	26.24
608	0.40	0.50	0.57	24.25	24.07	23.74	28.89	28.61	27.91
615	0.40	0.51	0.57	22.65	22.07	21.63	24.66	23.87	23.27
650	0.45	0.55	0.60	15.98	15.98	16.05	16.07	16.14	16.22
690	0.41	0.50	0.54	15.93	16.19	16.49	16.00	16.32	16.66
715	0.34	0.43	0.47	17.41	17.85	18.32	17.54	18.05	18.56
740	0.32	0.40	0.45	19.76	20.42	21.11	20.04	20.84	21.65
760	0.27	0.36	0.41	22.29	23.17	24.02	22.81	23.98	25.05
780	0.24	0.32	0.39	25.32	26.23	26.84	26.44	27.88	28.97
830	0.21	0.31	0.36	26.74	25.42	24.29	27.44	26.09	24.87
880	0.19	0.29	0.35	22.12	21.05	20.36	22.04	21.07	20.41
905	0.27	0.38	0.45	20.74	19.85	19.34	20.59	19.77	19.33
930	0.23	0.34	0.39	19.78	19.06	18.64	19.57	18.98	18.62
950	0.27	0.38	0.45	19.31	18.65	18.37	19.07	18.53	18.30
970	0.22	0.33	0.40	18.97	18.42	18.24	18.76	18.32	18.16
995	0.29	0.40	0.46	18.75	18.31	18.20	18.54	18.20	18.11
1030	0.34	0.45	0.50	18.74	18.44	18.44	18.51	18.33	18.34
1050	0.24	0.35	0.42	18.91	18.68	18.77	18.68	18.55	18.68
1095	0.23	0.34	0.40	19.55	19.55	19.89	19.36	19.45	19.84
1140	0.22	0.33	0.39	20.72	20.93	21.52	20.55	20.82	21.46
1160	0.24	0.35	0.41	21.39	21.73	22.41	21.18	21.60	22.38
1180	0.25	0.36	0.42	22.20	22.66	23.57	22.03	22.58	23.49
1210	0.20	0.31	0.37	23.61	24.46	25.67	23.44	24.39	25.64
1230	0.23	0.34	0.40	24.73	25.87	27.55	24.58	25.83	27.59
1250	0.19	0.29	0.37	26.07	27.68	29.78	25.95	27.69	29.91
1310	0.19	0.30	0.37	32.86	37.80	42.54	33.13	39.17	57.27
1365	0.18	0.29	0.36	43.39	34.83	30.68	46.87	35.41	30.88
1405	0.17	0.28	0.35	33.06	28.65	26.32	33.02	28.72	26.36
1440	0.16	0.29	0.36	28.38	25.47	23.74	28.27	25.48	23.76
1475	0.19	0.32	0.40	25.46	23.28	21.85	25.29	23.26	21.81
1510	0.20	0.34	0.42	23.45	21.59	20.42	23.29	21.55	20.40
1550	0.17	0.31	0.40	21.67	20.09	19.14	21.54	20.05	19.16
1560	0.19	0.33	0.42	21.27	19.77	18.84	21.13	19.73	18.83
1600	0.22	0.36	0.45	19.99	18.67	17.92	19.85	18.64	17.93



# Plug-In High Pass Filter

# PHP-600+

## Typical Performance Data

FREQ.  (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
600	3.27	3.23	3.20
602	3.20	3.17	3.14
604	3.15	3.11	3.08
606	3.08	3.04	3.01
608	3.01	2.97	2.95
610	2.95	2.91	2.89
612	2.89	2.86	2.82
614	2.83	2.79	2.77
616	2.77	2.73	2.72
618	2.71	2.68	2.66
620	2.67	2.64	2.61
622	2.62	2.59	2.57
624	2.58	2.54	2.53
630	2.47	2.45	2.43
635	2.38	2.35	2.34
640	2.31	2.28	2.27
645	2.22	2.18	2.17
650	2.12	2.10	2.09
655	2.02	2.00	2.00
665	1.95	1.93	1.93
675	1.93	1.91	1.90
685	1.83	1.81	1.81
690	1.76	1.75	1.75
695	1.69	1.67	1.67
705	1.62	1.62	1.62
725	1.61	1.59	1.59
735	1.51	1.51	1.51
745	1.45	1.44	1.44
755	1.42	1.41	1.41
765	1.41	1.39	1.38
775	1.38	1.36	1.36
780	1.34	1.33	1.33
790	1.30	1.30	1.29
800	1.26	1.25	1.25
810	1.23	1.21	1.22
820	1.20	1.19	1.19
835	1.18	1.17	1.18
845	1.12	1.10	1.11
855	1.05	1.04	1.03
860	1.04	1.02	1.00
865	1.08	1.05	1.05
870	1.11	1.09	1.09
880	1.12	1.12	1.12
890	1.00	1.00	1.00
900	0.89	0.87	0.86
910	0.95	0.93	0.93
920	1.04	1.03	1.03
930	0.98	0.97	0.98
940	0.82	0.83	0.82
1005	0.81	0.80	0.80
1045	0.78	0.77	0.77
1125	0.71	0.70	0.71
1185	0.66	0.65	0.65
1290	0.59	0.59	0.59
1330	0.58	0.57	0.57
1375	0.56	0.55	0.55
1445	0.53	0.52	0.52
1520	0.51	0.51	0.51
1575	0.49	0.48	0.48
1600	0.48	0.47	0.47