

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	100.86	105.48	106.29	0.00	0.00	0.00	0.00	0.01	0.00
10	99.07	92.00	98.35	0.00	0.01	0.00	0.00	0.00	0.00
30	89.93	84.80	90.65	0.00	0.01	0.00	0.00	0.00	0.00
50	91.46	90.57	89.95	0.01	0.00	0.00	0.02	0.01	0.00
90	90.10	83.51	89.25	0.00	0.01	0.01	0.02	0.00	0.01
110	89.25	91.46	91.25	0.00	0.01	0.01	0.01	0.01	0.03
150	90.64	94.64	90.64	0.00	0.01	0.03	0.01	0.01	0.04
220	90.73	100.22	87.85	0.02	0.04	0.06	0.00	0.03	0.07
250	88.00	95.22	89.55	0.04	0.06	0.08	0.03	0.08	0.11
270	92.18	87.26	86.70	0.05	0.08	0.10	0.02	0.07	0.10
300	82.32	79.42	84.34	0.07	0.09	0.12	0.04	0.09	0.13
350	72.25	73.23	72.59	0.10	0.13	0.16	0.07	0.13	0.17
380	65.97	65.45	66.36	0.12	0.16	0.19	0.10	0.16	0.21
420	58.62	58.95	58.90	0.16	0.20	0.23	0.13	0.20	0.25
470	50.46	50.64	50.61	0.20	0.24	0.28	0.16	0.23	0.29
490	47.51	47.58	47.71	0.22	0.26	0.30	0.18	0.25	0.31
515	43.81	43.84	43.96	0.24	0.28	0.32	0.20	0.28	0.34
565	36.92	36.96	37.02	0.29	0.34	0.38	0.24	0.33	0.39
610	31.03	31.06	31.09	0.33	0.38	0.43	0.28	0.38	0.45
640	27.13	27.16	27.17	0.36	0.41	0.47	0.30	0.41	0.48
675	22.76	22.82	22.78	0.41	0.46	0.52	0.34	0.46	0.53
720	17.02	17.06	16.98	0.53	0.59	0.65	0.46	0.58	0.66
750	12.87	12.87	12.79	0.71	0.78	0.86	0.65	0.78	0.88
775	9.65	9.65	9.56	1.05	1.13	1.23	0.99	1.14	1.26
800	6.56	6.57	6.46	1.78	1.89	2.04	1.71	1.88	2.06
821	4.01	3.99	3.97	3.00	3.14	3.38	2.96	3.16	3.42
835	2.85	2.83	2.82	4.33	4.51	4.82	4.28	4.53	4.86
843	2.38	2.42	2.38	5.34	5.56	5.92	5.29	5.57	5.95
849	2.00	2.05	2.03	6.24	6.48	6.89	6.19	6.49	6.91
853	1.71	1.77	1.77	6.90	7.17	7.61	6.86	7.17	7.63
858	1.36	1.40	1.45	7.83	8.11	8.60	7.78	8.12	8.63
862	1.12	1.15	1.22	8.65	8.97	9.48	8.61	8.98	9.51
866	0.93	0.96	1.04	9.54	9.89	10.44	9.51	9.90	10.47
870	0.80	0.84	0.92	10.52	10.90	11.48	10.49	10.90	11.52
875	0.71	0.77	0.84	11.87	12.26	12.94	11.84	12.27	12.97
884	0.63	0.71	0.76	14.84	15.32	16.16	14.79	15.30	16.16
890	0.56	0.65	0.71	17.34	17.88	18.92	17.29	17.84	18.90
895	0.50	0.58	0.66	19.91	20.51	21.84	19.88	20.44	21.82
903	0.42	0.51	0.59	25.91	26.49	28.60	26.03	26.45	28.99
910	0.39	0.49	0.57	31.89	35.54	32.45	32.27	35.72	33.33
916	0.38	0.48	0.56	32.13	32.03	30.73	32.47	32.20	31.57
927	0.36	0.46	0.54	24.43	23.70	23.61	24.43	23.80	23.86
980	0.46	0.51	0.62	15.84	15.57	16.37	15.79	15.65	16.48
1070	0.40	0.43	0.55	16.22	16.61	17.43	16.28	16.82	17.74
1160	0.30	0.36	0.46	20.07	20.58	20.94	20.56	21.48	22.03
1250	0.28	0.40	0.46	20.33	20.04	19.74	20.90	20.93	20.81
1360	0.33	0.36	0.53	18.00	17.76	17.62	18.11	18.14	18.23
1410	0.34	0.42	0.54	17.46	17.32	17.34	17.45	17.58	17.83
1510	0.33	0.44	0.53	17.41	17.46	17.73	17.24	17.54	18.10
1520	0.33	0.47	0.52	17.45	17.55	17.81	17.27	17.61	18.18
1580	0.33	0.43	0.52	17.87	18.15	18.51	17.57	18.05	18.76
1640	0.31	0.39	0.51	18.55	18.97	19.34	18.10	18.74	19.43
1710	0.28	0.41	0.49	19.54	19.95	20.21	18.94	19.46	20.08
1750	0.27	0.40	0.48	20.17	20.40	20.46	19.47	19.81	20.21
1790	0.25	0.44	0.47	20.67	20.76	20.49	19.92	19.97	20.16
1850	0.25	0.36	0.48	20.93	20.81	20.20	20.17	20.05	19.83
1910	0.24	0.39	0.48	20.74	20.45	19.58	20.00	19.77	19.20
1920	0.24	0.44	0.47	20.68	20.35	19.46	19.96	19.64	19.09
2020	0.25	0.39	0.51	19.86	19.23	18.39	19.32	18.79	18.08
2100	0.29	0.45	0.55	18.96	18.43	17.79	18.54	18.17	17.57

Plug-In High Pass Filter

PHP-900+

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
910	2.17	2.15	2.11
912	2.14	2.12	2.09
914	2.10	2.07	2.04
916	2.07	2.05	2.01
918	2.05	2.02	1.99
920	2.02	1.99	1.97
923	2.00	1.97	1.95
926	1.98	1.95	1.93
927	1.98	1.95	1.93
930	1.96	1.93	1.92
940	1.81	1.79	1.78
950	1.62	1.61	1.60
970	1.50	1.50	1.49
980	1.47	1.46	1.45
1000	1.44	1.43	1.42
1020	1.29	1.29	1.28
1050	1.26	1.25	1.24
1070	1.15	1.14	1.14
1090	1.15	1.14	1.13
1110	1.08	1.07	1.07
1130	1.06	1.04	1.04
1150	1.02	1.01	1.01
1180	0.97	0.95	0.95
1200	0.95	0.94	0.93
1210	0.92	0.91	0.90
1220	0.89	0.88	0.88
1230	0.89	0.87	0.86
1260	0.84	0.83	0.83
1270	0.82	0.81	0.80
1290	0.83	0.82	0.81
1310	0.77	0.76	0.75
1330	0.78	0.77	0.76
1350	0.75	0.75	0.74
1370	0.72	0.70	0.69
1410	0.68	0.66	0.66
1420	0.69	0.68	0.67
1430	0.70	0.69	0.68
1460	0.65	0.64	0.64
1490	0.64	0.63	0.63
1510	0.63	0.62	0.61
1530	0.63	0.62	0.62
1550	0.60	0.59	0.59
1560	0.61	0.60	0.59
1590	0.59	0.58	0.58
1620	0.58	0.57	0.57
1650	0.57	0.56	0.56
1680	0.55	0.54	0.54
1720	0.54	0.53	0.53
1770	0.52	0.51	0.51
1800	0.53	0.52	0.52
1830	0.52	0.51	0.51
1860	0.50	0.49	0.48
1890	0.50	0.48	0.48
1940	0.48	0.47	0.46
1960	0.49	0.47	0.47
1990	0.47	0.46	0.45
2010	0.49	0.48	0.47
2030	0.46	0.45	0.45
2050	0.47	0.46	0.45
2100	0.45	0.43	0.43