

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB) S-1	AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)		PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)	
			1-2	3-4			S	1
5.0	13.53	0.05	27.07	27.28	0.27	5.0	1.24	1.85
5.5	13.51	0.05	26.97	27.13	0.25	5.5	1.24	1.80
6.0	13.49	0.04	26.87	27.00	0.23	6.0	1.24	1.77
6.5	13.48	0.04	26.78	26.90	0.20	6.5	1.24	1.74
7.0	13.47	0.04	26.71	26.82	0.20	7.0	1.23	1.71
7.5	13.47	0.04	26.65	26.74	0.19	7.5	1.23	1.69
8.0	13.46	0.04	26.59	26.68	0.18	8.0	1.23	1.67
8.5	13.45	0.04	26.55	26.63	0.17	8.5	1.23	1.66
9.0	13.45	0.04	26.52	26.60	0.16	9.0	1.23	1.64
9.5	13.45	0.04	26.49	26.54	0.15	9.5	1.23	1.63
10	13.44	0.04	26.46	26.50	0.15	10.0	1.23	1.62
20	13.45	0.03	26.17	26.06	0.09	20.0	1.23	1.54
40	13.50	0.03	25.53	25.42	0.15	40.0	1.25	1.52
60	13.55	0.03	24.72	24.62	0.24	60.0	1.27	1.51
80	13.59	0.03	23.83	23.76	0.32	80.0	1.30	1.50
100	13.64	0.03	22.97	22.90	0.39	100.0	1.32	1.48
150	13.72	0.04	21.16	21.11	0.58	150.0	1.34	1.45
200	13.77	0.05	19.88	19.85	0.83	200.0	1.33	1.42
250	13.77	0.06	19.04	19.03	0.91	250.0	1.26	1.38
300	13.75	0.06	18.51	18.51	1.03	300.0	1.15	1.36
350	13.74	0.08	18.13	18.15	1.14	350.0	1.04	1.33
400	13.77	0.09	17.81	17.85	1.25	400.0	1.11	1.32
450	13.84	0.09	17.52	17.57	1.36	450.0	1.25	1.30
500	13.94	0.09	17.29	17.35	1.51	500.0	1.38	1.29
550	14.04	0.10	17.19	17.25	1.68	550.0	1.46	1.27
600	14.09	0.10	17.24	17.31	1.83	600.0	1.46	1.25
650	14.09	0.10	17.46	17.53	1.99	650.0	1.40	1.24
700	14.05	0.10	17.80	17.89	2.13	700.0	1.27	1.22
750	14.04	0.10	18.16	18.25	2.29	750.0	1.13	1.22
800	14.08	0.11	18.33	18.41	2.44	800.0	1.12	1.23
850	14.21	0.12	18.20	18.25	2.67	850.0	1.31	1.24
900	14.41	0.12	17.82	17.85	2.89	900.0	1.52	1.25
950	14.64	0.11	17.44	17.45	3.04	950.0	1.72	1.25
1000	14.84	0.12	17.23	17.23	3.23	1000.0	1.86	1.23
1100	15.04	0.12	17.74	17.75	3.68	1100.0	1.92	1.18
1200	15.06	0.14	20.08	20.10	4.26	1200.0	1.80	1.11
1300	15.25	0.20	24.90	24.74	4.85	1300.0	1.80	1.13
1400	15.63	0.27	27.75	26.84	5.35	1400.0	1.91	1.21
1500	15.90	0.35	24.08	23.44	5.73	1500.0	1.90	1.28
1600	15.98	0.43	21.20	20.78	5.85	1600.0	1.76	1.33
1700	16.15	0.46	19.18	18.86	5.75	1700.0	1.75	1.37
1800	16.56	0.46	17.74	17.50	5.80	1800.0	1.91	1.41
1850	16.78	0.48	17.30	17.05	5.49	1850.0	1.97	1.41
1900	16.95	0.47	17.09	16.69	4.97	1900.0	2.01	1.41
1950	17.02	0.50	17.10	16.80	5.61	1950.0	1.97	1.40
2000	16.99	0.51	17.36	17.12	5.85	2000.0	1.87	1.37
2050	16.88	0.50	17.90	17.68	6.05	2050.0	1.74	1.34
2100	16.74	0.49	18.71	18.53	6.11	2100.0	1.59	1.30
2150	16.62	0.46	19.73	19.61	6.14	2150.0	1.43	1.27
2200	16.54	0.44	20.81	20.89	6.21	2200.0	1.30	1.24
2250	16.56	0.40	21.78	21.49	6.15	2250.0	1.19	1.22
2300	16.61	0.37	22.77	22.36	6.46	2300.0	1.10	1.21
2350	16.72	0.40	23.50	23.17	6.64	2350.0	1.03	1.19
2400	16.86	0.44	24.27	23.99	6.80	2400.0	1.02	1.17
2450	17.03	0.47	25.20	24.92	7.09	2450.0	1.07	1.15
2500	17.22	0.51	26.28	26.00	7.35	2500.0	1.11	1.12
2550	17.42	0.56	27.37	27.10	7.99	2550.0	1.14	1.10
2600	17.66	0.63	28.33	28.06	8.90	2600.0	1.17	1.11
2650	18.02	0.83	28.93	28.71	10.46	2650.0	1.21	1.13

¹Total Loss = Insertion Loss + 12dB Splitter Loss