

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB)			INPUT RETURN LOSS (dB)			OUTPUT RETURN LOSS (dB)		
	@ -55°C	@+25°C	@+100°C	@ -55°C	@+25°C	@+100°C	@ -55°C	@+25°C	@+100°C
10.0	0.02	0.04	0.05	36.52	45.55	47.45	36.25	44.78	51.23
20.0	0.01	0.04	0.04	46.52	49.92	48.65	46.02	49.27	46.98
30.0	0.02	0.04	0.05	44.54	54.23	44.86	44.72	51.52	44.29
40.0	0.02	0.04	0.05	43.10	52.33	43.81	42.54	52.96	43.59
50.0	0.02	0.04	0.06	45.34	47.11	45.55	44.40	57.63	46.10
60.0	0.02	0.05	0.06	44.49	45.67	49.53	45.55	48.65	48.22
70.0	0.02	0.05	0.06	46.28	46.42	48.51	47.10	48.02	48.20
80.0	0.02	0.05	0.06	52.57	45.76	43.31	51.36	47.45	43.13
90.0	0.02	0.05	0.06	49.79	45.27	39.21	56.44	47.44	39.19
100.0	0.02	0.05	0.06	45.90	45.83	36.73	47.35	47.50	36.55
100.0	0.02	0.05	0.06	45.90	45.83	36.73	47.35	47.50	36.55
200.0	0.01	0.06	0.08	34.20	42.50	47.84	34.09	43.85	45.93
300.0	0.00	0.07	0.10	44.54	39.93	32.58	46.39	40.88	32.70
400.0	0.01	0.08	0.12	33.02	37.73	30.00	32.62	36.25	29.58
500.0	0.01	0.08	0.13	33.66	33.99	36.23	33.56	32.91	36.68
600.0	0.01	0.09	0.15	34.62	32.16	26.65	33.45	31.39	26.49
700.0	0.02	0.10	0.17	28.16	30.99	26.33	28.21	30.48	26.11
800.0	0.02	0.11	0.17	34.35	30.29	30.47	33.74	29.71	30.46
900.0	0.02	0.11	0.20	27.79	29.72	24.34	27.30	28.90	24.15
1000.0	0.03	0.12	0.21	28.25	28.09	23.37	27.53	27.22	23.02
1100.0	0.03	0.13	0.21	28.51	26.85	27.35	27.85	26.18	26.84
1200.0	0.03	0.13	0.24	25.61	26.47	22.37	25.09	25.76	22.10
1300.0	0.03	0.14	0.25	26.48	25.76	21.94	25.69	25.09	21.63
1400.0	0.03	0.15	0.25	25.77	24.76	25.37	25.52	24.30	24.89
1500.0	0.03	0.16	0.28	23.30	24.33	21.08	22.99	23.89	20.78
1600.0	0.04	0.16	0.30	24.71	23.86	20.47	24.12	23.33	20.26
1700.0	0.02	0.17	0.29	23.20	23.06	24.04	22.92	22.55	23.40
1800.0	0.03	0.18	0.32	21.84	22.40	20.76	21.56	22.01	20.35
1900.0	0.03	0.19	0.34	22.90	22.09	19.90	22.45	21.74	19.72
2000.0	0.02	0.20	0.32	21.85	21.66	22.97	21.63	21.42	22.52
2500.0	0.01	0.24	0.41	20.37	19.59	19.27	19.90	19.64	19.46
3000.0	0.01	0.29	0.44	17.74	18.33	21.62	17.72	18.40	21.20
3500.0	0.02	0.32	0.51	19.18	17.60	20.18	19.29	17.82	20.26
4000.0	0.02	0.35	0.56	19.30	17.74	21.64	19.26	17.97	21.50
4500.0	0.01	0.37	0.60	18.48	17.74	22.54	18.40	17.99	22.01
5000.0	0.03	0.39	0.69	19.93	18.06	18.55	19.83	18.22	18.84
5500.0	0.02	0.43	0.71	17.84	17.47	24.96	17.73	17.52	25.19
6000.0	0.02	0.44	0.80	20.54	18.10	18.41	19.69	18.31	19.02
6500.0	0.06	0.47	0.84	21.45	17.98	24.41	22.84	17.83	23.00
7000.0	0.01	0.49	0.94	16.89	19.01	18.30	16.61	18.96	18.51
7500.0	0.06	0.52	1.08	27.06	19.38	15.41	26.42	19.12	15.85
8000.0	0.02	0.55	1.16	14.91	19.53	16.48	15.20	19.86	16.91
8500.0	0.06	0.60	1.30	15.89	19.37	13.10	16.27	19.26	13.01
9000.0	0.18	0.67	1.35	12.47	19.47	17.12	12.76	19.54	20.98
9500.0	0.23	0.74	1.37	13.05	20.33	23.47	13.02	20.30	28.09
10000.0	0.25	0.84	1.55	14.33	21.05	21.93	14.29	19.01	25.75
10500.0	0.16	0.98	1.84	28.72	20.39	15.99	32.62	18.59	14.45
11000.0	0.58	1.23	2.23	13.16	17.98	11.51	12.84	15.89	14.78
11400.0	0.89	1.60	2.78	10.27	14.65	11.93	12.63	13.51	11.04
11700.0	1.33	2.10	3.20	9.37	13.35	15.36	11.96	12.50	11.44
12000.0	2.04	3.15	4.38	9.01	10.25	18.16	12.26	11.39	12.44
12500.0	8.37	12.29	17.90	3.58	3.80	2.13	11.09	9.41	7.39
12700.0	18.14	24.53	29.69	2.02	2.16	2.25	5.82	4.62	3.92
12860.0	30.22	32.08	33.89	0.66	1.59	2.43	2.15	3.03	3.87
13000.0	31.79	32.34	35.19	0.67	1.36	1.60	1.94	2.42	2.34
13500.0	42.18	39.89	44.87	0.00	0.80	1.99	0.89	1.54	2.76
13860.0	49.36	45.51	48.25	0.00	0.64	2.14	0.39	1.24	1.80
14000.0	46.55	46.17	44.90	0.30	0.57	1.74	0.22	1.00	1.77
14500.0	31.15	31.49	30.34	0.27	0.55	1.60	0.25	1.12	1.54
15000.0	23.11	23.41	21.53	0.25	0.30	3.19	0.21	0.82	3.09
15210.0	20.70	20.28	20.87	0.98	0.38	0.46	0.53	0.99	1.53
15500.0	17.99	17.48	18.84	1.34	0.46	0.09	0.80	0.97	1.05
16000.0	12.96	13.47	14.67	1.25	0.87	2.04	0.48	1.11	1.27
16500.0	10.56	10.41	11.11	0.39	0.95	1.90	0.32	1.24	4.15
16800.0	9.19	8.84	9.39	0.81	1.05	1.32	0.24	1.55	3.83
17000.0	8.13	7.63	9.48	0.39	1.69	1.61	0.47	2.15	1.14
17500.0	4.26	5.50	5.90	3.39	2.54	12.65	4.60	3.19	6.64
18000.0	4.79	3.92	6.92	0.26	3.65	1.95	0.49	4.67	2.42
18500.0	2.54	2.91	4.96	6.71	5.61	8.08	3.70	5.83	5.93
19000.0	3.10	2.31	5.98	0.09	5.71	2.47	1.75	6.54	6.41
19500.0	3.27	1.91	4.31	2.86	8.46	8.52	1.81	8.34	4.90
20000.0	2.26	1.83	4.42	2.54	9.97	3.80	6.31	8.97	21.88