

Typical Performance Data

Definitions:

Input Return Loss = -S11 (dB)

Attenuation = -S21 (dB)

Output Return Loss = -S22 (dB)

FREQ	Attenuation				Input Return Loss				Output Return Loss			
	-45°C	+25°C	+85°C	+105°C	-45°C	+25°C	+85°C	+105°C	-45°C	+25°C	+85°C	+105°C
(MHz)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)
0.009	0.94	0.94	0.95	0.95	28.17	28.09	28.03	28.03	27.78	27.68	27.63	27.58
0.5	0.94	0.95	0.95	0.95	28.93	28.79	28.72	28.72	28.94	28.79	28.74	28.73
1	0.94	0.95	0.95	0.95	28.90	28.77	28.69	28.68	28.99	28.84	28.78	28.77
5	0.94	0.95	0.95	0.95	29.03	28.89	28.78	28.77	29.09	28.94	28.87	28.86
10	0.94	0.95	0.95	0.95	29.05	28.94	28.84	28.82	29.11	28.98	28.89	28.89
100	1.02	0.95	0.96	0.96	31.55	30.11	30.02	30.02	30.86	30.01	30.02	30.07
200	1.02	0.95	0.96	0.96	32.33	30.92	30.77	30.77	31.63	30.74	30.70	30.66
400	1.02	0.95	0.95	0.95	33.02	32.37	32.47	32.42	32.71	31.92	32.09	32.11
600	1.02	0.95	0.94	0.94	34.09	32.90	32.93	32.97	33.50	32.68	32.69	32.66
800	1.03	0.96	0.95	0.95	34.83	32.58	32.36	32.38	33.98	32.40	32.18	32.18
1000	1.03	0.96	0.95	0.95	35.59	31.46	31.11	31.12	34.24	31.38	31.06	31.04
2000	1.04	0.96	0.94	0.95	31.15	24.62	24.39	24.38	27.77	24.97	24.84	24.97
4000	0.97	0.91	0.92	0.93	28.12	23.07	22.36	22.26	25.67	24.83	24.01	23.91
6000	0.98	0.93	0.94	0.94	30.15	30.59	31.62	31.89	23.09	26.31	26.59	26.60
8000	1.00	0.95	0.96	0.97	25.12	28.35	28.50	28.35	21.96	26.68	27.01	27.08
10000	0.98	0.96	0.98	0.99	28.00	26.29	25.98	26.12	26.38	39.11	38.39	37.34
12000	1.00	0.96	0.99	1.00	22.67	29.47	32.70	33.55	28.24	25.56	26.32	26.63
14000	1.01	0.97	1.01	1.02	22.42	33.97	41.43	43.22	28.96	25.59	26.59	26.61
16000	1.00	0.95	1.00	1.01	22.37	36.48	37.17	35.51	22.75	29.11	30.41	31.39
18000	0.98	0.95	1.01	1.02	29.20	29.56	28.47	27.63	23.87	33.99	32.79	31.03
20000	0.99	1.08	1.14	1.15	16.74	14.41	14.85	15.19	17.32	15.12	15.41	15.80
22000	1.24	1.15	1.18	1.18	13.60	16.52	17.53	17.96	14.54	15.91	16.84	17.47
24000	0.95	0.94	1.01	1.03	25.81	26.60	27.23	28.12	25.60	23.66	24.66	25.30
26000	1.01	0.98	1.09	1.10	24.08	28.70	27.88	26.86	34.58	29.01	28.91	28.57
28000	1.10	1.03	1.15	1.16	20.61	21.90	22.44	23.02	17.57	20.82	21.28	21.76
30000	1.18	1.14	1.31	1.32	16.60	13.55	13.70	14.06	15.95	14.92	15.07	15.51
32000	1.21	1.03	1.25	1.27	16.05	18.24	18.20	17.96	18.87	17.94	18.46	18.76
34000	1.13	0.83	1.16	1.18	16.15	20.82	22.35	23.34	19.00	21.48	22.27	22.83
36000	1.12	0.92	1.15	1.17	17.68	42.60	36.71	34.96	20.05	18.85	19.06	19.32
38000	1.36	1.10	1.25	1.25	13.80	15.69	16.44	16.99	11.25	13.88	14.33	14.73
40000	0.77	0.94	0.99	1.02	20.02	23.84	22.35	22.71	23.36	24.34	24.73	24.73
42000	1.25	1.11	1.18	1.19	12.27	17.28	18.50	19.17	13.94	17.33	18.29	18.79
44000	1.03	1.14	1.24	1.27	24.23	22.00	19.87	19.37	19.94	15.93	14.95	14.91
46000	1.35	1.41	1.50	1.51	12.56	12.95	13.78	14.22	11.77	11.94	12.47	12.85
48000	1.36	1.50	1.59	1.57	11.96	10.64	11.37	11.74	11.69	10.44	11.07	11.62
50000	1.01	0.91	1.05	1.13	12.37	17.86	18.01	17.62	14.80	16.74	17.29	16.85
52000	0.83	0.87	1.02	1.05	19.52	26.67	25.73	23.62	25.05	31.48	33.58	32.14
54000	0.96	0.99	1.14	1.17	40.57	24.29	22.11	21.41	19.68	20.30	20.29	20.65
56000	1.29	1.38	1.59	1.61	12.99	11.77	12.12	12.59	16.91	12.82	12.96	13.31
58000	1.62	1.62	1.74	1.75	10.02	10.26	10.69	10.90	10.87	10.77	11.27	11.66
60000	1.44	1.25	1.48	1.53	11.43	17.97	19.00	20.08	16.74	17.24	17.09	17.17
62000	1.94	1.51	1.76	1.82	9.87	17.78	17.74	17.15	9.80	13.86	14.08	13.87
64000	1.58	1.57	1.75	1.80	17.42	15.34	15.85	16.23	17.72	17.84	19.09	20.24
66000	1.50	1.66	1.75	1.82	11.54	15.02	15.40	15.40	22.81	21.84	23.27	23.79
67000	1.75	1.71	1.87	1.94	10.97	13.96	15.04	15.13	15.63	18.09	19.60	19.99