

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	0.00	0.01	0.01	0.02	34.09	35.05	33.83	34.39	32.76	33.77	32.55	32.98
0.5	0.00	0.01	0.01	0.01	57.92	56.53	53.89	52.40	57.98	56.25	53.49	52.06
1	0.00	0.01	0.01	0.01	57.78	56.01	53.39	52.17	56.89	55.76	52.74	51.42
5	0.00	0.01	0.01	0.01	54.54	53.69	50.33	49.19	54.79	54.56	50.62	49.37
10	0.00	0.01	0.01	0.01	53.04	50.80	48.59	47.68	53.78	51.96	48.76	47.89
100	0.01	0.04	0.01	0.01	38.08	36.02	34.98	34.63	38.02	36.00	34.94	34.59
200	0.01	0.04	0.01	0.01	31.69	31.10	30.68	30.50	31.68	30.99	30.70	30.54
400	0.02	0.04	0.02	0.02	26.29	26.66	26.44	26.33	26.27	26.59	26.44	26.34
600	0.03	0.05	0.03	0.03	23.80	24.04	23.88	23.82	23.71	23.94	23.80	23.74
800	0.04	0.06	0.04	0.04	22.06	22.35	22.31	22.26	21.92	22.21	22.19	22.14
1000	0.04	0.06	0.04	0.04	20.87	21.19	21.14	21.09	20.76	21.04	21.02	20.97
2000	0.05	0.07	0.05	0.05	19.93	20.05	19.80	19.79	19.84	19.87	19.73	19.73
4000	0.03	0.06	0.04	0.03	26.86	29.31	30.89	31.26	26.29	28.55	29.70	29.99
6000	0.06	0.10	0.09	0.08	26.94	27.38	27.53	27.43	25.18	25.61	25.55	25.49
8000	0.14	0.17	0.17	0.16	20.87	20.75	20.68	20.72	20.09	20.01	19.80	19.83
10000	0.06	0.10	0.10	0.09	22.90	24.24	24.78	24.93	21.67	22.58	23.07	23.25
12000	0.08	0.12	0.13	0.12	20.67	21.23	21.48	21.51	19.70	20.33	20.58	20.55
14000	0.26	0.26	0.25	0.24	15.74	17.71	18.66	18.81	15.45	17.18	18.04	18.15
16000	0.12	0.18	0.20	0.19	20.27	19.11	20.27	20.90	19.64	18.77	19.75	20.38
18000	0.14	0.18	0.20	0.19	26.04	22.90	24.79	25.91	24.41	22.68	23.96	24.72
20000	0.17	0.20	0.23	0.22	31.38	48.15	40.71	39.56	29.33	31.89	32.34	32.47
22000	0.24	0.26	0.28	0.27	17.91	20.26	22.00	22.32	18.01	20.25	21.96	22.25
24000	0.19	0.24	0.27	0.26	27.44	25.12	26.63	28.33	28.82	26.65	27.73	29.42
26000	0.23	0.27	0.31	0.30	20.95	21.05	21.48	21.22	19.90	19.89	20.47	20.18
28000	0.25	0.27	0.32	0.31	22.47	28.63	28.77	29.05	19.60	24.60	23.97	23.57
30000	0.25	0.31	0.37	0.35	27.23	21.66	24.10	25.24	28.61	23.23	25.94	27.61
32000	0.30	0.26	0.38	0.36	22.59	30.02	29.08	28.65	26.07	37.10	33.51	34.29
34000	0.19	0.23	0.33	0.33	19.27	21.70	21.66	21.41	18.19	20.24	20.13	20.00
36000	0.14	0.21	0.30	0.29	20.58	23.99	26.09	27.67	19.97	23.40	24.09	25.20
38000	0.13	0.20	0.38	0.40	22.76	21.72	20.09	19.55	19.79	21.01	18.94	18.62
40000	0.38	0.39	0.51	0.50	13.80	17.31	17.86	18.29	13.54	16.38	16.54	16.82
42000	0.20	0.32	0.46	0.45	43.56	26.81	31.03	32.06	39.84	28.22	32.25	35.25
43500	0.39	0.42	0.62	0.63	16.48	19.13	16.61	16.08	16.90	19.12	17.08	16.52
44000	0.45	0.48	0.72	0.73	14.87	16.58	14.52	14.08	15.15	15.89	14.42	14.06
45000	0.49	0.66	0.85	0.86	15.89	13.62	13.44	13.25	15.32	13.32	12.92	12.78
46000	0.60	0.70	0.89	0.89	14.67	14.49	14.54	14.51	13.99	13.93	13.55	13.40
48000	1.09	1.23	1.30	1.26	9.96	9.71	10.78	11.08	10.54	10.41	11.46	11.83
50000	1.41	1.32	1.48	1.49	7.55	10.04	10.15	10.06	7.67	10.10	9.94	9.73