

Typical Performance Data

TEST CONDITIONS: INPUT POWER = -10 dBm @Temperature = +25°C

FREQ. (GHz)	INSERTION LOSS		COUPLING		DIRECTIVITY		RETURN LOSS			
	(dB)		(dB)		(dB)		(dB)			
	IN-OUT	FWD-REV	IN-FWD	OUT-REV	IN-REV	OUT-FWD	IN	OUT	FWD	REV
1.0	0.03	0.03	42.63	42.58	10.41	9.05	31.14	32.37	30.67	28.42
2.0	0.04	0.04	36.65	36.60	10.33	9.01	27.36	28.07	27.73	26.05
3.0	0.05	0.05	33.18	33.13	10.27	9.00	24.35	24.78	25.02	23.68
4.0	0.07	0.07	30.75	30.70	10.18	8.96	22.10	22.36	22.68	21.80
5.0	0.10	0.10	28.89	28.85	10.17	9.00	20.48	20.64	21.03	20.26
6.0	0.13	0.13	27.40	27.37	10.03	8.83	19.12	19.28	19.84	19.10
7.0	0.15	0.15	26.18	26.13	10.10	9.16	17.93	17.92	18.38	17.89
8.0	0.18	0.18	25.10	25.08	10.02	9.20	17.03	17.02	17.50	17.06
9.0	0.23	0.23	24.20	24.22	9.81	9.15	16.28	16.25	16.71	16.36
10.0	0.28	0.28	23.40	23.47	9.70	9.20	15.63	15.60	16.01	15.75
10.5	0.30	0.30	23.12	23.11	9.60	9.15	15.32	15.30	15.71	15.43
11.0	0.33	0.33	22.76	22.80	9.46	9.07	15.08	15.06	15.48	15.24
11.5	0.36	0.37	22.36	22.48	9.30	9.22	14.87	14.85	15.21	15.06
12.0	0.41	0.41	22.26	22.34	9.14	9.13	14.66	14.62	15.00	14.86
12.5	0.43	0.43	22.21	22.19	9.13	9.08	14.48	14.37	14.70	14.63
13.0	0.45	0.45	22.08	22.03	9.37	9.36	14.29	14.15	14.48	14.39
13.5	0.48	0.48	21.92	21.92	9.80	9.79	14.11	13.98	14.35	14.22
14.0	0.51	0.51	21.73	21.69	10.32	10.48	14.04	13.87	14.28	14.18
14.5	0.51	0.51	21.25	21.30	10.11	10.48	14.07	13.88	14.30	14.20
15.0	0.50	0.50	20.91	20.93	9.48	9.97	14.07	13.90	14.29	14.23
15.5	0.49	0.49	20.85	20.91	9.38	10.06	13.94	13.80	14.22	14.10
16.0	0.51	0.51	20.65	20.79	9.62	10.63	13.91	13.74	14.17	14.06
16.5	0.53	0.53	20.45	20.56	9.62	10.68	13.93	13.78	14.13	14.10
17.0	0.56	0.56	20.23	20.36	9.69	10.76	13.96	13.84	14.21	14.11
17.5	0.59	0.59	20.09	20.22	9.59	10.77	13.95	13.82	14.25	14.10
18.0	0.61	0.61	19.91	20.10	9.51	10.75	14.08	13.96	14.42	14.15
18.5	0.63	0.63	19.88	20.03	9.20	10.69	14.18	14.06	14.51	14.20
19.0	0.63	0.63	19.81	19.98	9.25	11.06	14.38	14.27	14.63	14.32
19.5	0.60	0.59	19.66	19.81	9.52	11.50	14.53	14.45	14.81	14.60
20.0	0.58	0.58	19.61	19.71	9.59	11.63	14.71	14.68	14.98	14.78
20.5	0.58	0.58	19.48	19.58	9.57	11.90	14.91	14.90	15.10	14.98
21.0	0.58	0.58	19.39	19.47	9.54	12.10	15.00	15.03	15.31	15.12
21.5	0.59	0.59	19.32	19.42	9.60	12.43	15.12	15.26	15.63	15.32
22.0	0.57	0.57	19.25	19.33	9.71	12.81	15.36	15.63	15.98	15.53
22.5	0.56	0.56	19.21	19.24	9.99	13.31	15.63	16.02	16.24	15.75
23.0	0.54	0.55	19.11	19.15	9.98	13.50	15.94	16.36	16.42	15.96
23.5	0.52	0.53	19.06	19.00	10.60	14.30	16.16	16.79	16.81	16.25
24.0	0.52	0.52	18.91	18.90	10.30	14.34	16.37	16.96	16.95	16.36
24.5	0.52	0.52	18.88	18.87	10.09	14.33	16.59	17.17	17.09	16.44
25.0	0.52	0.52	18.89	18.90	9.94	14.31	16.81	17.51	17.42	16.71
25.5	0.51	0.51	18.89	18.88	10.07	14.66	17.11	17.88	17.61	16.92
26.0	0.51	0.51	18.88	18.90	10.25	15.10	17.30	18.19	17.94	17.14
26.5	0.52	0.52	18.82	18.86	10.51	15.79	17.47	18.59	18.32	17.41
27.0	0.53	0.52	18.79	18.87	10.52	16.16	18.09	19.16	18.83	17.71
27.5	0.51	0.51	18.76	18.88	10.77	16.98	18.46	19.64	19.34	18.02
28.0	0.50	0.51	18.77	18.88	11.10	17.92	18.74	19.91	19.50	18.37
28.5	0.50	0.50	18.66	18.78	11.57	19.60	19.12	20.32	20.04	18.75
29.0	0.49	0.49	18.51	18.67	11.80	21.31	19.57	20.71	20.67	19.21
29.5	0.48	0.49	18.44	18.63	11.81	22.45	19.91	20.96	21.19	19.52
30.0	0.49	0.49	18.39	18.63	11.58	23.95	20.20	21.32	21.53	19.70
30.5	0.48	0.48	18.44	18.63	11.34	25.01	20.58	21.78	21.61	20.00
31.0	0.47	0.47	18.41	18.55	11.28	26.21	20.95	22.15	21.86	20.43
31.5	0.46	0.46	18.44	18.52	11.36	26.77	21.16	22.39	22.01	20.46
32.0	0.47	0.48	18.51	18.53	11.46	27.14	21.25	22.70	22.49	20.36
33.0	0.47	0.47	18.44	18.48	11.52	33.92	21.26	22.65	22.33	20.89
34.0	0.47	0.47	18.40	18.47	11.13	34.91	21.46	22.19	21.94	21.14
35.0	0.47	0.47	18.49	18.50	10.42	28.02	21.25	22.00	21.54	20.58
36.0	0.48	0.48	18.70	18.77	9.86	26.51	20.85	21.73	21.32	20.34
37.0	0.46	0.46	18.90	18.97	9.29	23.61	20.24	21.05	20.43	20.26
38.0	0.43	0.44	18.96	19.05	8.66	21.86	19.62	20.62	19.91	19.82
39.0	0.35	0.35	19.04	19.21	8.17	20.96	19.49	21.16	19.65	19.55
40.0	0.29	0.29	19.11	19.31	8.02	19.18	20.09	21.21	18.60	19.26
41.0	0.35	0.36	19.33	19.50	7.43	16.41	18.91	19.69	17.63	19.11
42.0	0.47	0.48	19.67	19.82	6.59	15.44	17.34	18.17	16.95	17.60
43.0	0.53	0.53	20.10	20.17	6.37	14.96	17.06	17.38	17.07	16.99
43.5	0.54	0.54	20.30	20.33	6.33	14.58	17.00	17.41	16.26	16.85