

Typical Performance Data

FREQ. (GHz)	INSERTION LOSS			INPUT VSWR			OUTPUT VSWR		
	(dB)			(:1)			(:1)		
	@-55°C	@25°C	@+105°C	@-55°C	@+25°C	@+105°C	@-55°C	@+25°C	@+105°C
0.01	89.30	95.20	98.70	1.06	1.06	1.06	1.10	1.06	1.06
0.05	91.80	94.50	98.60	1.06	1.06	1.06	1.10	1.06	1.06
0.10	94.30	98.60	98.90	1.07	1.06	1.06	1.11	1.06	1.06
0.30	89.60	98.70	105.60	1.08	1.07	1.07	1.12	1.08	1.07
0.50	88.40	93.90	89.70	1.09	1.09	1.09	1.12	1.10	1.10
0.70	86.10	89.20	87.30	1.09	1.10	1.10	1.13	1.12	1.12
1.00	84.00	85.30	84.40	1.12	1.12	1.12	1.17	1.15	1.16
2.00	78.90	78.10	79.90	1.19	1.21	1.22	1.23	1.28	1.29
3.00	73.70	72.60	72.50	1.25	1.26	1.25	1.28	1.34	1.34
4.00	63.70	63.30	63.20	1.24	1.24	1.25	1.24	1.31	1.31
5.00	56.70	56.90	57.10	1.16	1.16	1.17	1.12	1.19	1.19
6.00	53.30	53.30	53.60	1.07	1.07	1.10	1.05	1.03	1.04
7.00	52.00	52.50	53.00	1.14	1.13	1.12	1.15	1.13	1.13
8.00	55.10	55.40	56.70	1.22	1.22	1.20	1.19	1.24	1.21
9.00	66.90	68.70	68.60	1.32	1.32	1.31	1.20	1.24	1.21
10.00	65.80	64.90	64.60	1.41	1.35	1.31	1.31	1.27	1.23
11.00	60.80	60.30	60.20	1.41	1.31	1.25	1.71	1.57	1.48
12.00	34.50	33.00	32.10	1.39	1.35	1.33	1.77	1.74	1.67
13.00	14.30	14.60	15.00	1.36	1.37	1.36	1.37	1.42	1.39
14.00	7.00	7.80	8.70	1.41	1.41	1.41	1.43	1.51	1.49
15.00	4.80	5.70	6.70	1.05	1.16	1.23	1.52	1.64	1.67
16.00	4.30	5.10	6.10	1.65	1.47	1.42	1.94	1.98	1.95
17.00	3.70	4.50	5.60	1.06	1.06	1.16	1.52	1.64	1.77
18.00	3.80	4.60	5.60	1.41	1.27	1.18	1.95	1.99	1.95
18.20	3.80	4.60	5.60	1.45	1.31	1.22	2.02	2.05	1.99
18.40	3.80	4.60	5.70	1.40	1.28	1.21	2.01	2.05	1.98
18.60	3.70	4.60	5.60	1.30	1.22	1.20	1.92	1.97	1.93
18.80	3.70	4.60	5.70	1.35	1.29	1.31	1.90	1.96	1.91
19.00	3.80	4.60	5.70	1.43	1.37	1.38	1.94	1.99	1.92
19.20	3.80	4.70	5.80	1.53	1.43	1.43	1.99	2.02	1.93
19.40	3.90	4.80	5.80	1.64	1.54	1.53	1.99	2.04	1.94
19.50	3.90	4.80	5.90	1.67	1.58	1.56	2.03	2.05	1.91
19.80	3.90	4.80	5.90	1.72	1.57	1.52	2.09	2.05	1.87
20.00	3.90	4.90	5.90	1.73	1.59	1.51	2.05	2.00	1.80
20.20	3.90	4.90	5.90	1.65	1.54	1.46	1.96	1.90	1.69
20.40	3.90	4.90	6.00	1.59	1.45	1.35	1.95	1.83	1.59
20.50	3.90	4.90	6.00	1.50	1.41	1.31	1.87	1.79	1.58
20.80	3.80	4.90	6.10	1.38	1.32	1.27	1.75	1.69	1.53
21.00	3.80	4.90	6.10	1.28	1.21	1.19	1.66	1.58	1.43
22.00	4.20	5.50	7.00	1.15	1.21	1.25	1.71	1.62	1.55
23.00	5.40	6.90	8.60	1.53	1.47	1.37	2.28	2.16	2.12
24.00	7.20	9.10	11.20	1.23	1.13	1.07	2.52	2.52	2.60
25.00	11.20	13.60	16.20	1.01	1.01	1.07	3.52	3.47	3.20
26.00	18.30	21.60	24.80	1.23	1.22	1.26	3.96	4.24	3.81
27.00	30.20	34.10	37.50	1.36	1.43	1.51	4.38	4.69	3.65
28.00	47.30	50.90	54.00	1.77	1.81	1.68	3.94	4.17	3.24
29.00	60.90	59.90	57.90	2.11	2.00	1.78	3.11	2.93	2.34
30.00	54.80	54.30	56.10	1.99	2.01	1.85	2.27	1.89	1.68
31.00	50.60	50.20	49.00	2.02	1.89	1.84	1.92	1.57	1.43
32.00	43.10	44.40	43.50	2.25	1.89	1.72	1.71	1.74	1.47
33.00	39.90	41.50	40.80	2.10	1.88	1.85	2.01	2.06	2.12
34.00	38.60	40.10	41.60	1.87	1.80	1.68	6.91	4.56	3.35
35.00	41.80	42.70	43.80	1.69	1.71	1.67	12.63	7.53	4.79
36.00	39.50	41.40	42.60	1.88	1.82	1.68	11.54	9.73	5.75
37.00	45.10	46.00	47.90	2.15	2.18	2.10	11.84	11.05	6.57
38.00	47.10	48.00	47.30	2.76	2.72	2.52	13.83	14.65	8.98
39.00	47.90	49.00	50.60	3.71	3.37	3.27	25.99	19.14	11.29
40.00	51.20	52.70	50.90	4.31	3.70	3.47	26.75	14.63	9.16

