

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C	@-55°C	@+25°C	@+125°C
10	0.02	0.06	0.06	44.73	49.16	45.67	46.15	50.45	46.60
100	0.01	0.08	0.07	43.25	48.54	45.90	49.93	50.56	55.84
200	0.02	0.09	0.08	41.66	45.18	42.98	48.05	46.91	50.55
250	0.02	0.09	0.08	40.38	42.63	40.76	46.77	44.77	47.96
300	0.02	0.10	0.09	39.23	40.64	38.63	45.24	42.51	44.74
350	0.02	0.10	0.09	38.44	39.09	37.15	43.63	40.47	41.73
400	0.02	0.11	0.10	37.85	37.90	36.15	41.97	38.73	38.78
500	0.03	0.12	0.11	36.68	35.98	34.67	38.35	36.06	35.37
550	0.03	0.12	0.12	36.12	35.16	34.09	36.61	34.92	34.01
600	0.03	0.12	0.12	35.59	34.38	33.53	35.09	33.90	32.86
650	0.04	0.13	0.12	35.01	33.64	32.94	33.86	32.96	31.82
700	0.04	0.13	0.13	34.43	32.89	32.30	32.83	32.13	30.92
750	0.04	0.13	0.13	33.81	32.16	31.60	31.98	31.36	30.12
800	0.05	0.14	0.14	33.10	31.42	30.83	31.32	30.68	29.43
850	0.05	0.14	0.14	32.36	30.71	30.05	30.70	30.04	28.81
900	0.05	0.14	0.15	31.56	30.03	29.27	30.21	29.48	28.29
950	0.05	0.15	0.15	30.74	29.36	28.49	29.73	28.95	27.82
1000	0.06	0.15	0.15	29.97	28.75	27.80	29.30	28.45	27.41
1100	0.06	0.16	0.16	28.54	27.64	26.58	28.51	27.55	26.69
1200	0.07	0.17	0.17	27.42	26.71	25.66	27.76	26.73	26.04
1300	0.07	0.17	0.18	26.53	25.91	24.95	26.93	25.94	25.36
1400	0.08	0.18	0.19	25.78	25.19	24.37	26.00	25.16	24.63
1500	0.08	0.19	0.19	25.11	24.53	23.88	25.08	24.44	23.92
1600	0.09	0.20	0.20	24.49	23.92	23.42	24.21	23.78	23.25
1700	0.09	0.20	0.21	23.87	23.34	22.94	23.44	23.18	22.64
1800	0.10	0.21	0.21	23.28	22.79	22.45	22.79	22.64	22.12
1900	0.10	0.21	0.22	22.71	22.27	21.96	22.27	22.16	21.68
2000	0.11	0.22	0.23	22.14	21.77	21.46	21.83	21.72	21.30
2200	0.12	0.23	0.24	21.05	20.85	20.56	21.07	20.93	20.69
2400	0.13	0.24	0.25	20.18	20.13	19.92	20.37	20.26	20.21
2600	0.13	0.25	0.26	19.68	19.66	19.62	19.83	19.79	19.85
2800	0.14	0.26	0.27	19.36	19.32	19.46	19.35	19.45	19.55
3000	0.14	0.27	0.28	19.01	19.03	19.26	19.02	19.21	19.37
3500	0.15	0.28	0.29	18.59	18.88	19.17	19.01	19.15	19.71
4000	0.14	0.28	0.29	19.87	20.05	20.74	20.08	20.35	21.17
4500	0.13	0.26	0.29	22.79	22.99	23.81	23.25	23.50	25.26
5000	0.12	0.26	0.29	29.52	28.27	28.21	29.08	29.56	33.83
5500	0.14	0.28	0.31	26.88	26.25	24.36	26.21	27.19	26.15
6000	0.18	0.32	0.36	19.20	19.48	18.67	19.81	20.18	19.72
6500	0.24	0.39	0.42	15.65	15.90	15.71	15.93	16.17	16.11
7000	0.29	0.45	0.48	13.25	13.52	13.60	13.75	13.90	14.15
7500	0.32	0.51	0.53	12.03	12.33	12.65	12.38	12.58	13.06
8000	0.34	0.53	0.55	11.33	11.74	12.21	11.60	11.98	12.64
8500	0.31	0.51	0.54	11.37	11.85	12.43	11.62	12.08	12.95
9000	0.29	0.47	0.51	11.81	12.38	13.03	11.90	12.55	13.55
9500	0.23	0.41	0.45	12.81	13.49	14.19	12.89	13.62	14.78
10000	0.19	0.36	0.41	13.99	14.77	15.60	14.24	15.03	16.39
10500	0.15	0.31	0.37	15.31	16.28	17.49	15.78	16.62	18.27
11000	0.12	0.28	0.34	17.09	18.13	20.06	17.76	18.47	20.51
11500	0.09	0.25	0.32	18.92	20.04	22.96	19.75	20.29	22.90
12000	0.06	0.22	0.30	21.25	22.44	26.43	21.48	22.01	24.78
12500	0.05	0.20	0.28	24.54	25.35	29.00	23.69	23.90	27.22
13000	0.04	0.19	0.28	31.19	30.03	30.80	25.30	25.49	29.57
13500	0.04	0.18	0.27	34.58	31.42	28.62	24.52	24.95	29.89
14000	0.04	0.19	0.28	24.14	24.83	24.84	20.84	21.84	24.90
14500	0.08	0.22	0.32	18.51	19.33	19.68	17.28	18.10	19.59
15000	0.16	0.28	0.40	15.15	15.73	16.00	14.16	14.87	15.38
16000	0.40	0.46	0.61	11.48	11.78	11.35	10.84	11.20	10.75
17000	0.43	0.50	0.67	10.94	10.96	10.32	10.88	10.72	9.95
18000	0.16	0.30	0.44	14.27	13.87	13.82	15.03	13.95	13.63



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IF/RF MICROWAVE COMPONENTS

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(psec)		
	@-55°C	@+25°C	@+125°C
10	22.65	25.33	27.90
400	22.38	24.10	26.47
800	22.79	23.61	25.87
1200	22.59	23.34	25.39
1600	22.35	22.95	25.06
2000	22.19	22.75	24.82
2400	21.91	22.45	24.54
2800	21.62	22.19	24.32
3200	21.51	22.09	24.26
3600	21.83	22.36	24.59
4000	22.20	22.69	24.87
4400	22.93	23.30	25.41
4800	23.75	23.97	25.94
5200	24.10	24.42	26.28
5600	24.34	24.66	26.33
6000	23.98	24.18	25.95
6400	22.84	23.19	24.97
6800	21.86	22.25	24.14
7200	20.99	21.26	23.44
7600	19.85	20.22	22.70
8000	20.15	20.87	23.44
8400	20.25	20.56	23.40
8800	20.34	20.93	23.48
9200	22.31	22.70	24.98
9600	23.06	23.35	25.37
10000	23.51	23.83	25.74
10400	24.41	24.69	26.58
10800	24.70	24.96	26.93
11200	24.81	25.06	27.02
11600	25.09	25.24	27.28
12000	25.43	25.56	27.53
12400	25.67	25.83	27.84
12800	26.18	26.24	28.30
13200	26.21	26.31	28.34
13600	26.08	26.40	28.58
14000	26.86	27.23	29.60
14500	26.52	27.12	29.61
15000	25.62	25.97	28.63
16000	23.58	23.77	25.04
17000	23.49	23.03	23.60
18000	27.99	27.62	30.09