

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS			INPUT RETURN LOSS			OUTPUT RETURN LOSS		
	(dB)			(dB)			(dB)		
	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C	@-40°C	@+25°C	@+85°C
1	56.67	56.16	61.41	0.00	0.02	0.02	0.04	0.03	0.03
10	78.34	77.76	72.18	0.00	0.00	0.00	0.00	0.01	0.01
47	60.14	60.21	60.22	0.01	0.02	0.02	0.12	0.15	0.16
81	60.84	60.89	60.96	0.02	0.03	0.05	0.35	0.41	0.45
113	83.35	80.74	82.63	0.03	0.05	0.07	0.46	0.53	0.58
133	62.37	62.34	62.41	0.04	0.07	0.09	0.43	0.52	0.58
159	58.57	58.60	58.65	0.07	0.11	0.13	0.42	0.53	0.61
167	59.07	59.17	59.07	0.08	0.12	0.14	0.44	0.55	0.63
205	69.21	68.52	67.72	0.17	0.22	0.25	0.73	0.86	0.95
215	53.28	52.90	52.41	0.21	0.26	0.29	0.85	0.99	1.07
237	29.92	29.66	29.40	0.36	0.44	0.48	1.06	1.25	1.36
247	21.38	21.08	20.80	0.53	0.63	0.70	1.16	1.39	1.54
249	19.72	19.42	19.14	0.58	0.69	0.77	1.19	1.43	1.60
255	14.87	14.55	14.25	0.85	1.01	1.12	1.38	1.66	1.88
274	2.93	2.97	2.96	6.48	7.27	8.00	6.56	7.25	7.90
278	1.97	2.10	2.16	9.76	10.70	11.64	9.66	10.34	11.02
291	1.06	1.25	1.38	22.97	22.52	22.24	22.31	21.10	20.40
299	0.96	1.15	1.28	26.71	24.45	22.80	27.35	24.60	22.74
305	0.93	1.11	1.24	27.13	25.32	23.58	28.92	26.66	24.46
306	0.92	1.10	1.23	27.13	25.48	23.78	29.03	27.01	24.82
310	0.91	1.08	1.21	27.09	26.15	24.75	29.12	28.38	26.45
321	0.89	1.06	1.18	27.65	27.34	27.10	28.88	30.35	31.83
323	0.88	1.06	1.18	27.90	27.24	26.93	29.01	30.18	31.76
332	0.88	1.07	1.19	28.47	25.39	23.99	29.92	27.88	26.97
339	0.89	1.08	1.22	27.06	23.51	21.70	29.71	25.94	24.00
350	0.92	1.12	1.27	24.31	21.92	20.12	27.52	24.51	22.24
355	0.95	1.15	1.29	23.80	22.01	20.31	26.96	24.75	22.53
360	0.97	1.17	1.32	23.93	22.75	21.19	27.03	25.71	23.60
366	1.00	1.21	1.36	25.05	24.79	23.46	28.03	28.07	26.18
375	1.06	1.27	1.43	28.95	32.16	32.28	30.54	32.36	30.79
381	1.11	1.34	1.51	31.92	41.70	46.72	30.77	30.26	27.99
382	1.12	1.36	1.53	32.19	41.16	41.12	30.66	29.80	27.45
384	1.15	1.39	1.56	32.42	38.52	35.93	30.51	29.10	26.58
388	1.20	1.45	1.64	32.07	35.32	32.20	30.95	28.87	25.90
390	1.23	1.49	1.68	31.84	35.29	32.11	31.87	29.64	26.26
396	1.34	1.62	1.84	28.87	33.60	41.21	36.07	48.77	33.35
400	1.47	1.77	2.01	23.65	24.97	27.23	25.46	26.09	26.78
407	1.95	2.38	2.71	14.60	14.37	14.41	13.91	13.30	12.93
420	6.35	7.37	8.27	4.84	4.92	4.89	3.38	3.24	3.08
435	18.83	19.95	21.00	2.26	2.57	2.73	0.97	1.09	1.14
437	20.73	21.84	22.88	2.12	2.43	2.60	0.90	1.02	1.07
439	22.67	23.76	24.78	2.00	2.30	2.47	0.84	0.96	1.01
450	33.85	34.93	35.92	1.48	1.73	1.91	0.67	0.79	0.84
451	34.92	36.01	37.00	1.44	1.69	1.86	0.66	0.78	0.83
475	67.12	66.03	65.18	0.83	1.01	1.15	0.52	0.62	0.68
505	63.93	64.31	64.88	0.53	0.68	0.79	0.43	0.53	0.59
560	74.51	73.55	73.75	0.37	0.50	0.58	0.34	0.44	0.51
700	65.13	65.12	65.17	0.43	0.54	0.59	0.23	0.35	0.44
820	62.62	65.76	62.94	0.54	0.67	0.77	0.20	0.34	0.45
835	62.67	62.93	63.19	0.53	0.68	0.78	0.20	0.34	0.45
995	70.96	71.18	72.11	0.46	0.69	0.88	0.20	0.36	0.48
1125	101.69	95.96	92.76	0.40	0.66	0.84	0.21	0.38	0.51
1150	84.73	85.70	83.66	0.40	0.65	0.83	0.21	0.39	0.52
1175	79.71	79.03	80.12	0.39	0.64	0.82	0.21	0.39	0.52
1200	76.89	76.91	76.87	0.39	0.64	0.82	0.22	0.40	0.53
1225	74.88	74.16	74.81	0.39	0.63	0.81	0.22	0.40	0.53
1250	72.95	73.51	73.19	0.39	0.63	0.80	0.22	0.40	0.54
1300	70.18	70.51	70.81	0.39	0.63	0.79	0.24	0.41	0.54
1325	68.99	69.54	69.77	0.39	0.63	0.78	0.24	0.42	0.55
1400	65.36	65.76	66.11	0.40	0.63	0.77	0.25	0.43	0.56



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IF/RF MICROWAVE COMPONENTS

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
310	9.99	9.96	9.93
313	9.78	9.76	9.74
316	9.61	9.60	9.59
319	9.46	9.46	9.46
320	9.42	9.42	9.42
321	9.38	9.38	9.39
323	9.31	9.31	9.32
324	9.27	9.28	9.29
325	9.25	9.25	9.27
327	9.19	9.20	9.21
328	9.17	9.17	9.19
329	9.15	9.15	9.17
332	9.09	9.10	9.11
336	9.04	9.05	9.06
343	9.02	9.02	9.03
348	9.04	9.05	9.07
349	9.05	9.07	9.08
350	9.06	9.08	9.09
351	9.08	9.10	9.12
357	9.22	9.25	9.27
358	9.25	9.28	9.31
359	9.28	9.32	9.35
360	9.31	9.35	9.38
361	9.35	9.39	9.43
362	9.39	9.43	9.47
365	9.52	9.57	9.62
366	9.56	9.62	9.67
367	9.61	9.67	9.73
369	9.72	9.79	9.85
370	9.78	9.85	9.92
371	9.83	9.91	9.98
372	9.90	9.98	10.05
373	9.97	10.04	10.12
374	10.04	10.12	10.20
375	10.11	10.19	10.27
376	10.19	10.27	10.36
377	10.27	10.35	10.44
378	10.35	10.44	10.53
379	10.43	10.53	10.62
380	10.53	10.62	10.72
381	10.62	10.72	10.82
382	10.72	10.82	10.92
383	10.82	10.93	11.04
384	10.94	11.05	11.16
385	11.05	11.16	11.27
386	11.17	11.29	11.42
387	11.30	11.43	11.55
388	11.44	11.57	11.70
389	11.59	11.72	11.86
390	11.74	11.88	12.03
391	11.91	12.06	12.22
392	12.08	12.25	12.41
393	12.27	12.45	12.62
394	12.47	12.67	12.85
395	12.68	12.89	13.09
396	12.91	13.14	13.36
397	13.16	13.40	13.64
398	13.42	13.68	13.94
399	13.71	13.99	14.27
400	14.01	14.31	14.61