

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
10.0	79.65	86.14	78.28	0.04	0.04	0.04	0.04	0.04	0.04
20.0	86.70	87.47	91.67	0.03	0.03	0.03	0.03	0.04	0.03
40.0	78.44	82.05	79.39	0.02	0.02	0.04	0.03	0.04	0.05
100.0	55.93	56.05	55.46	0.01	0.02	0.03	0.11	0.13	0.15
120.0	51.21	51.18	51.15	0.00	0.02	0.03	0.16	0.18	0.20
300.0	35.88	36.02	36.13	0.08	0.11	0.12	0.31	0.41	0.49
390.0	38.41	39.10	39.76	0.28	0.33	0.37	0.83	1.00	1.10
400.0	44.15	41.36	39.41	0.34	0.41	0.45	0.93	1.12	1.24
415.0	21.32	20.61	19.97	0.53	0.65	0.75	1.13	1.38	1.57
419.0	17.86	17.23	16.65	0.64	0.79	0.91	1.23	1.51	1.73
445.0	3.05	3.08	3.02	5.81	6.49	7.21	6.03	6.66	7.34
475.0	0.76	0.93	1.04	24.24	22.38	20.87	21.22	20.24	19.31
587.5	0.55	0.69	0.78	22.58	23.95	24.82	21.58	23.55	25.89
600.0	0.54	0.69	0.79	26.73	29.02	28.84	24.46	27.67	32.21
620.0	0.55	0.71	0.82	41.77	33.91	27.45	33.06	39.24	33.91
640.0	0.59	0.76	0.88	25.76	24.57	22.78	28.21	27.10	25.74
700.0	0.80	1.03	1.20	35.24	32.27	27.90	42.20	35.80	28.98
776.0	20.10	21.43	22.76	1.00	1.22	1.32	0.93	1.05	1.12
780.0	22.89	24.26	25.63	0.90	1.12	1.22	0.83	0.96	1.04
788.0	29.05	30.55	32.11	0.78	0.98	1.08	0.71	0.84	0.92
800.0	42.01	44.16	46.45	0.68	0.85	0.94	0.60	0.72	0.81
820.0	42.19	42.11	42.06	0.58	0.73	0.80	0.48	0.60	0.70
840.0	40.93	41.25	41.59	0.52	0.65	0.72	0.41	0.53	0.63
900.0	52.83	53.31	54.11	0.44	0.54	0.59	0.28	0.41	0.51
960.0	59.06	59.10	58.96	0.38	0.48	0.55	0.21	0.35	0.46
1000.0	53.99	54.35	54.32	0.35	0.47	0.55	0.18	0.33	0.44
1100.0	58.14	58.48	58.50	0.29	0.45	0.57	0.13	0.31	0.42
1150.0	62.37	62.83	63.41	0.26	0.46	0.59	0.12	0.30	0.42
1160.0	63.94	64.82	64.92	0.26	0.46	0.59	0.12	0.30	0.42
1180.0	67.07	67.79	67.84	0.25	0.46	0.60	0.12	0.30	0.42
1200.0	71.25	71.96	71.74	0.25	0.47	0.61	0.11	0.30	0.42
1300.0	68.70	67.99	68.05	0.23	0.48	0.63	0.11	0.30	0.42
1400.0	62.71	62.88	62.94	0.23	0.49	0.64	0.11	0.30	0.42
1500.0	60.75	60.88	61.16	0.23	0.49	0.63	0.11	0.31	0.43
1700.0	56.70	57.10	57.42	0.26	0.50	0.62	0.11	0.30	0.42
1800.0	52.54	54.48	56.27	0.96	1.08	1.09	0.11	0.30	0.41
1875.0	83.91	82.91	88.43	0.23	0.45	0.57	0.10	0.29	0.41
1900.0	74.38	75.34	77.29	0.21	0.43	0.54	0.10	0.29	0.40
1900.0	74.38	75.34	77.29	0.21	0.43	0.54	0.10	0.29	0.40
2000.0	66.36	67.15	67.33	0.17	0.39	0.49	0.09	0.27	0.38
2100.0	62.79	63.37	64.15	0.16	0.37	0.48	0.08	0.26	0.36
2125.0	60.11	60.48	60.26	0.17	0.38	0.49	0.08	0.25	0.36
2175.0	55.86	56.19	56.00	0.23	0.45	0.58	0.07	0.25	0.35
2200.0	53.09	53.25	53.16	0.31	0.56	0.73	0.07	0.24	0.35
2300.0	48.75	49.81	49.22	0.52	0.69	0.74	0.05	0.22	0.32
2400.0	54.79	55.32	52.49	0.14	0.36	0.48	0.03	0.20	0.29
2500.0	53.60	53.62	51.52	0.11	0.35	0.48	0.01	0.18	0.27
2600.0	52.02	52.29	50.58	0.14	0.42	0.55	0.00	0.16	0.26
2700.0	49.70	49.94	48.28	0.16	0.48	0.70	0.03	0.14	0.24
2800.0	47.13	46.81	45.36	0.29	0.70	0.98	0.05	0.12	0.22
2900.0	48.78	49.85	44.54	0.57	1.12	1.51	0.07	0.10	0.21
3000.0	46.79	47.14	42.49	0.82	1.56	2.28	0.09	0.08	0.19
3100.0	47.02	47.21	42.20	1.10	2.07	2.91	0.11	0.07	0.17
3200.0	44.50	45.26	42.66	1.43	2.38	3.19	0.13	0.05	0.17
3300.0	41.78	43.39	40.94	1.55	2.30	2.60	0.14	0.03	0.16
3400.0	41.62	43.96	41.40	1.59	2.13	2.34	0.14	0.05	0.20
3500.0	46.09	48.87	44.62	1.39	1.75	1.88	0.15	0.04	0.19
3600.0	49.06	50.05	50.07	0.77	1.13	1.27	0.15	0.05	0.19
3700.0	49.29	52.47	46.56	0.45	0.80	0.95	0.17	0.04	0.22
3800.0	53.63	56.71	55.67	0.28	0.62	0.79	0.17	0.05	0.19

Typical Performance Data

FREQ. (MHz)	GROUP DELAY		
	(ns)		
	@-40°C	@+25°C	@+85°C
475.0	6.54	6.44	6.34
481.0	5.96	5.88	5.82
487.0	5.52	5.46	5.41
493.0	5.18	5.14	5.10
499.0	4.91	4.88	4.84
505.0	4.69	4.66	4.63
511.0	4.50	4.48	4.46
517.0	4.35	4.32	4.31
523.0	4.21	4.19	4.18
529.0	4.09	4.08	4.07
535.0	3.99	3.98	3.98
541.0	3.90	3.90	3.90
547.0	3.83	3.83	3.83
553.0	3.77	3.77	3.78
559.0	3.73	3.73	3.73
565.0	3.69	3.70	3.70
571.0	3.66	3.67	3.68
577.0	3.65	3.66	3.67
583.0	3.64	3.65	3.66
585.0	3.64	3.65	3.66
587.5	3.64	3.65	3.66
590.0	3.64	3.65	3.67
592.0	3.64	3.66	3.67
594.0	3.65	3.66	3.67
596.0	3.65	3.66	3.68
598.0	3.66	3.67	3.68
600.0	3.66	3.67	3.68
602.0	3.67	3.68	3.69
604.0	3.67	3.68	3.70
606.0	3.68	3.69	3.70
608.0	3.69	3.70	3.71
610.0	3.69	3.70	3.72
612.0	3.70	3.71	3.73
614.0	3.71	3.72	3.73
616.0	3.72	3.73	3.74
618.0	3.73	3.74	3.75
620.0	3.74	3.75	3.77
622.0	3.75	3.76	3.78
624.0	3.77	3.78	3.79
626.0	3.78	3.79	3.80
628.0	3.79	3.80	3.82
630.0	3.81	3.82	3.83
632.0	3.82	3.83	3.85
634.0	3.84	3.85	3.87
644.0	3.94	3.95	3.98
654.0	4.06	4.09	4.12
664.0	4.23	4.27	4.31
674.0	4.46	4.50	4.55
684.0	4.75	4.81	4.87
694.0	5.14	5.21	5.29
700.0	5.46	5.55	5.65