

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	87.00	94.18	92.92	0.05	0.05	0.05	0.05	0.04	0.05
10	100.19	100.20	100.69	0.03	0.03	0.04	0.04	0.04	0.04
100	106.11	104.93	108.02	0.00	0.01	0.02	0.00	0.01	0.02
200	99.18	97.81	98.63	0.02	0.05	0.06	0.03	0.05	0.06
300	89.09	89.30	89.34	0.08	0.12	0.14	0.10	0.13	0.14
400	82.82	83.00	83.27	0.13	0.17	0.20	0.16	0.19	0.21
500	78.52	78.35	78.70	0.18	0.23	0.26	0.21	0.26	0.29
600	75.80	75.77	75.90	0.23	0.29	0.33	0.27	0.33	0.37
700	73.34	73.40	73.38	0.27	0.35	0.40	0.31	0.38	0.43
800	71.93	71.96	71.86	0.33	0.43	0.49	0.35	0.45	0.52
900	70.74	70.85	70.63	0.40	0.53	0.63	0.41	0.53	0.63
1000	68.83	68.93	68.98	0.51	0.67	0.80	0.48	0.64	0.77
1100	68.87	68.93	69.12	0.61	0.82	0.98	0.56	0.76	0.92
1150	69.88	69.89	70.06	0.68	0.92	1.09	0.62	0.84	1.01
1200	72.33	72.33	72.51	0.75	1.00	1.17	0.69	0.92	1.09
1250	81.25	80.41	81.70	0.80	1.04	1.20	0.75	0.98	1.14
1300	68.19	68.62	68.82	0.84	1.07	1.21	0.81	1.04	1.19
1350	55.06	55.34	55.62	0.88	1.09	1.22	0.88	1.08	1.22
1400	44.28	44.46	44.65	0.88	1.07	1.19	0.93	1.12	1.24
1460	30.11	30.20	30.30	0.94	1.11	1.22	1.04	1.22	1.33
1470	27.40	27.46	27.54	0.98	1.15	1.26	1.08	1.26	1.38
1495	19.89	19.86	19.88	1.19	1.39	1.52	1.31	1.52	1.66
1520	11.09	10.98	10.97	2.13	2.48	2.72	2.23	2.61	2.85
1550	2.74	3.01	3.23	14.30	16.38	17.32	13.87	15.75	16.48
1600	1.88	2.19	2.40	16.85	17.47	17.73	19.72	22.78	24.81
1610	1.82	2.15	2.37	18.12	18.30	18.29	22.27	24.96	25.64
1620	1.80	2.13	2.35	19.03	18.83	18.76	23.16	23.68	23.34
1630	1.78	2.12	2.34	19.83	19.64	19.82	22.61	22.24	21.90
1640	1.77	2.11	2.34	21.31	21.63	22.32	22.35	21.90	21.61
1650	1.77	2.11	2.34	24.14	25.66	27.23	22.66	22.05	21.50
1660	1.77	2.13	2.37	27.48	28.99	28.30	22.71	21.50	20.54
1670	1.80	2.16	2.41	26.04	24.34	22.78	21.91	20.16	19.06
1680	1.82	2.20	2.46	23.45	21.30	20.01	21.34	19.35	18.27
1690	1.85	2.24	2.49	23.35	21.10	19.85	22.48	20.28	19.15
1700	1.89	2.28	2.53	26.49	24.34	22.89	27.72	25.54	24.11
1721	2.54	3.03	3.33	12.29	12.33	12.43	12.54	12.77	13.06
1758	9.24	10.06	10.41	2.59	2.77	2.91	2.70	2.87	3.04
1806	19.50	20.13	20.36	1.40	1.63	1.80	1.51	1.73	1.90
1875	29.61	29.98	30.08	1.53	1.88	2.17	1.50	1.82	2.08
2000	42.32	43.12	43.73	3.40	4.14	4.67	3.09	3.93	4.65
2100	57.44	59.21	60.89	2.50	2.71	2.84	4.79	5.20	5.48
2200	66.88	66.30	65.09	1.39	1.55	1.68	2.53	2.84	3.09
2300	61.72	62.25	61.50	0.93	1.12	1.27	1.43	1.72	1.97
2400	63.93	64.60	64.48	0.79	1.02	1.20	0.97	1.24	1.45
2500	68.63	70.32	71.54	0.77	1.06	1.29	0.71	0.94	1.12
2600	80.91	80.40	74.52	0.73	1.02	1.25	0.54	0.75	0.90
2700	73.06	71.41	70.62	0.70	0.98	1.20	0.40	0.60	0.73
2800	69.97	69.76	69.94	0.66	0.94	1.15	0.30	0.48	0.60
2900	67.15	67.86	70.51	0.58	0.84	1.02	0.22	0.39	0.51
3000	71.49	73.87	75.02	0.51	0.75	0.93	0.14	0.31	0.42
3100	72.99	74.05	76.59	0.41	0.65	0.81	0.09	0.25	0.35
3200	64.82	64.03	64.62	0.35	0.57	0.72	0.04	0.20	0.31
3400	58.23	57.45	58.21	0.19	0.40	0.54	0.02	0.13	0.24
3500	54.09	53.28	54.57	0.14	0.35	0.50	0.05	0.11	0.22
3600	49.64	49.18	49.55	0.09	0.30	0.43	0.07	0.08	0.22
3812	46.26	46.57	46.91	0.01	0.22	0.36	0.08	0.09	0.22
4001	41.76	41.95	41.84	0.00	0.22	0.36	0.05	0.12	0.26
4352	38.10	38.21	38.27	0.04	0.26	0.37	0.02	0.18	0.42
4730	33.36	33.93	33.95	0.09	0.31	0.46	0.21	0.49	0.38
5000	28.22	27.18	31.21	0.10	0.37	0.45	0.43	0.58	0.56

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FREQ. (MHz)	GROUP DELAY		
	(nsec)		
	@-40°C	@+25°C	@+85°C
1600	6.35	6.32	6.31
1602	6.11	6.10	6.09
1604	5.98	5.97	5.97
1606	5.90	5.90	5.89
1608	5.86	5.86	5.85
1610	5.83	5.83	5.82
1612	5.81	5.80	5.79
1614	5.78	5.77	5.76
1616	5.75	5.74	5.74
1618	5.73	5.72	5.71
1620	5.71	5.70	5.69
1622	5.69	5.68	5.67
1624	5.67	5.66	5.65
1626	5.65	5.64	5.64
1628	5.63	5.63	5.62
1630	5.62	5.61	5.61
1632	5.60	5.60	5.60
1634	5.59	5.59	5.59
1636	5.58	5.59	5.59
1638	5.57	5.58	5.58
1640	5.56	5.57	5.58
1642	5.56	5.57	5.57
1644	5.56	5.57	5.57
1646	5.56	5.57	5.57
1648	5.55	5.57	5.57
1650	5.56	5.57	5.57
1652	5.56	5.57	5.58
1654	5.56	5.58	5.58
1656	5.57	5.59	5.58
1658	5.58	5.59	5.59
1660	5.58	5.60	5.60
1662	5.59	5.61	5.60
1664	5.60	5.62	5.61
1666	5.62	5.63	5.62
1668	5.63	5.64	5.63
1670	5.64	5.66	5.65
1672	5.66	5.67	5.66
1674	5.68	5.69	5.68
1676	5.70	5.71	5.70
1678	5.73	5.74	5.73
1680	5.76	5.77	5.76
1682	5.79	5.80	5.79
1684	5.83	5.84	5.84
1686	5.87	5.89	5.88
1688	5.92	5.94	5.94
1690	5.97	6.00	6.00
1692	6.03	6.07	6.07
1694	6.10	6.14	6.15
1696	6.18	6.23	6.23
1698	6.26	6.32	6.33
1700	6.35	6.42	6.43