

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB) at 20mA Control Current	AMP. UNBAL. (dB) at ± 20mA Control Current	PHASE UNBAL. (deg.) at ± 20mA Control Current	ISOLATION at 0 mA Control Current (dB)		RETURN LOSS (dB) Input
				In-Out	In-Con	
100.0	3.76	0.02	179.4	46	48	9.5
137.1	3.72	0.01	179.0	43	44	10.2
301.5	3.55	0.03	178.2	36	34	11.0
383.8	3.61	0.04	177.7	34	32	10.5
503.4	3.85	0.08	177.1	32	30	9.3
630.4	4.17	0.18	176.4	30	29	7.9
757.5	4.47	0.21	176.3	30	31	6.9
802.4	4.54	0.22	176.4	30	31	6.7
899.5	4.91	0.27	176.1	30	30	6.3
996.7	4.96	0.28	175.9	29	28	6.2
1004.2	4.94	0.28	175.8	29	28	6.2
1131.3	5.57	0.36	175.7	30	26	6.4
1258.3	5.56	0.36	175.5	30	24	7.0
1377.9	5.69	0.37	175.5	30	24	7.7
1497.5	5.26	0.33	175.2	28	21	8.7
1632.1	5.38	0.27	174.7	28	20	10.0
1699.4	5.20	0.29	174.2	28	20	10.8
1751.7	5.49	0.27	174.2	28	21	11.3
1901.2	5.22	0.23	173.0	28	22	12.4
2000.0	5.57	0.25	172.7	28	23	12.5

CONTROL CURRENT (mA)	ATTENUATION (dB)			PHASE UNBALANCE REF AT 15 mA CONTROL (deg.)			INPUT VSWR (:1)		
	100 MHz	1000 MHz	2000 MHz	100 MHz	1000 MHz	2000 MHz	100 MHz	1000 MHz	2000 MHz
0.0000	51.0	38.9	34.4	89.6	18.6	46.6	1.6	4.7	2.9
0.0001	48.5	37.0	33.9	91.3	12.9	42.2	1.6	4.7	2.9
0.0002	46.3	35.1	33.2	89.8	8.7	35.1	1.6	4.6	2.9
0.0003	44.1	33.6	32.7	85.5	5.8	31.0	1.5	4.6	2.9
0.0004	42.3	32.4	32.1	84.8	2.4	27.0	1.5	4.6	2.9
0.0005	39.1	30.8	31.2	78.5	-1.4	21.2	1.5	4.6	2.9
0.0006	36.5	29.7	30.6	71.5	-4.8	16.8	1.5	4.5	2.9
0.0007	30.2	26.8	28.7	53.5	-12.0	6.9	1.5	4.4	2.8
0.0008	25.5	24.0	26.3	43.0	-15.6	-0.9	1.4	4.2	2.7
0.0011	22.0	21.2	23.6	36.6	-16.4	-5.9	1.4	4.0	2.6
0.0016	18.4	18.1	20.3	31.0	-16.0	-8.8	1.3	3.7	2.4
0.0032	14.1	14.1	15.9	24.3	-13.7	-9.8	1.2	3.3	2.0
0.0058	11.3	11.5	13.0	19.5	-11.1	-8.9	1.2	3.1	1.8
0.0106	9.1	9.5	10.6	14.8	-8.6	-7.5	1.3	3.0	1.6
0.0226	6.9	7.7	8.3	9.5	-5.5	-5.4	1.5	2.9	1.4
0.0381	5.9	6.9	7.2	6.7	-4.0	-4.0	1.6	2.9	1.4
0.1031	4.8	6.0	6.0	3.2	-2.0	-2.1	1.8	3.0	1.5
0.3098	4.3	5.5	5.4	1.3	-0.9	-1.0	1.9	3.0	1.6
1.5487	4.0	5.3	5.0	0.4	-0.4	-0.4	2.0	3.0	1.7
15.1120	3.9	5.2	4.9	0.1	-0.1	0.0	2.0	3.1	1.7



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