

Typical Performance Data

FREQ. (MHz)	INSERTION LOSS (dB) at 20mA Control Current	AMP. UNBAL. (dB) at ± 20 mA Control Current	PHASE UNBAL. (deg.) at ± 20 mA Control Current	ISOLATION at 0 mA Control Current (dB)		RETURN LOSS (dB) Input
				In-Out	In-Con	
10.0	3.50	0.01	180.0	70	47	12.3
19.9	3.52	0.01	180.0	68	40	12.7
39.7	3.61	0.01	179.9	67	35	12.6
59.5	3.63	0.01	179.9	65	31	12.5
79.3	3.66	0.01	179.9	64	29	12.5
86.7	3.68	0.01	179.9	63	28	12.5
99.1	3.73	0.01	179.9	62	27	12.4
163.5	3.95	0.01	179.8	58	23	12.3
237.7	4.03	0.01	179.7	55	20	12.1
314.4	4.05	0.01	179.4	52	18	12.0
391.2	4.23	0.02	179.6	50	17	12.1
467.9	4.36	0.04	179.6	48	17	12.3
500.1	4.38	0.04	179.6	47	17	12.4
542.1	4.48	0.06	179.5	46	17	12.5
618.9	4.63	0.10	179.5	44	18	12.6
695.6	4.90	0.13	179.6	43	20	12.1
772.3	5.02	0.16	179.4	41	23	10.8
846.6	5.51	0.16	179.7	41	21	9.1
923.3	6.21	0.21	179.8	40	17	7.5
1000.0	7.06	0.36	180.4	40	14	6.3

CONTROL CURRENT (mA)	ATTENUATION (dB)			PHASE UNBALANCE REF AT 15 mA CONTROL (deg.)			INPUT VSWR (:1)		
	10 MHz	500 MHz	1000 MHz	10 MHz	500 MHz	1000 MHz	10 MHz	500 MHz	1000 MHz
0.0000	71.8	43.8	38.2	-37.1	96.0	63.6	3.6	2.9	7.5
0.0003	63.7	44.2	38.1	-34.3	93.2	62.4	3.6	2.9	7.5
0.0004	55.7	43.8	38.1	-12.5	86.0	57.8	3.6	2.9	7.5
0.0016	51.2	43.3	38.1	-8.5	80.1	52.8	3.6	2.8	7.4
0.0057	45.4	41.1	36.8	-4.6	55.5	35.7	3.6	2.8	7.3
0.0105	41.5	38.6	35.6	-1.2	42.6	23.4	3.5	2.8	7.1
0.0161	38.3	36.0	33.7	1.5	34.4	12.9	3.5	2.8	6.9
0.0286	33.9	31.8	30.1	3.6	24.5	0.6	3.4	2.7	6.6
0.0437	30.3	28.4	27.1	4.3	20.7	-5.6	3.3	2.6	6.2
0.0734	26.2	24.4	23.2	5.1	16.3	-9.9	3.1	2.4	5.6
0.1029	23.6	21.8	20.8	5.0	14.4	-11.4	2.9	2.3	5.2
0.1510	20.7	19.1	18.2	5.0	12.8	-11.9	2.7	2.1	4.7
0.2540	17.1	15.6	15.1	4.6	10.4	-11.1	2.4	1.8	4.0
0.3743	14.6	13.3	13.1	4.3	9.0	-9.9	2.1	1.6	3.6
0.6438	11.5	10.6	10.8	3.5	6.9	-7.5	1.7	1.3	3.1
0.9350	9.7	9.1	9.6	3.0	5.4	-6.0	1.5	1.2	2.9
1.7496	7.2	7.2	8.2	2.0	3.6	-3.6	1.2	1.1	2.7
2.6537	5.5	5.9	7.3	1.3	1.9	-1.8	1.2	1.3	2.7
7.3045	4.3	4.9	6.7	0.5	0.6	-0.7	1.4	1.5	2.6
15.1437	3.6	4.5	6.4	0.1	0.1	-0.1	1.5	1.6	2.6

REV. X1

PAS-2+

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