

Typical Performance Data

Control Voltage: 0V/-5V

RF FREQ (MHz)	INSERTION LOSS*		ISOLATION*				VSWR*					
	(dB)		(dB)				(:1)					
	RF IN-RF OUT1	RF IN-RF OUT2	RF IN-RF OUT1	RF IN-RF OUT2	RF OUT1-RF OUT2	RF OUT1-RF OUT2	RF IN	RF IN	RF OUT1	RF OUT2	RF OUT1	RF OUT2
	RF OUT1 ON	RF OUT2 ON	RF OUT2 ON	RF OUT1 ON	RF OUT1 ON	RF OUT2 ON	RF OUT1 ON	RF OUT2 ON	RF OUT1 ON	RF OUT2 ON	RF OUT1 OFF	RF OUT2 OFF
0.3	0.55	0.55	92.25	86.64	87.82	87.15	1.11	1.11	1.11	1.11	1.10	1.09
0.5	0.57	0.58	92.12	100.12	92.20	106.63	1.11	1.11	1.11	1.11	1.10	1.10
1.0	0.57	0.57	100.66	98.10	99.54	103.56	1.11	1.11	1.11	1.11	1.10	1.09
2.0	0.56	0.57	90.84	96.01	87.99	99.03	1.11	1.11	1.11	1.11	1.10	1.09
4.0	0.56	0.57	84.82	88.31	92.97	92.13	1.10	1.10	1.11	1.11	1.10	1.09
6.0	0.56	0.57	83.02	84.73	87.03	83.98	1.10	1.10	1.10	1.10	1.10	1.09
8.0	0.57	0.57	74.94	78.63	82.79	79.25	1.09	1.09	1.10	1.10	1.10	1.09
10.0	0.57	0.57	75.93	78.95	80.95	81.46	1.09	1.09	1.10	1.10	1.10	1.09
20.0	0.58	0.59	65.75	69.11	75.58	77.62	1.08	1.09	1.09	1.09	1.10	1.09
40.0	0.57	0.58	59.03	62.56	66.74	67.57	1.08	1.08	1.08	1.08	1.09	1.09
60.0	0.58	0.59	60.72	63.80	67.27	64.85	1.08	1.08	1.08	1.08	1.09	1.09
80.0	0.59	0.60	60.11	63.88	69.56	65.05	1.08	1.08	1.08	1.08	1.09	1.08
100.0	0.59	0.60	57.17	61.84	78.44	67.44	1.07	1.08	1.08	1.08	1.09	1.08
200.0	0.60	0.61	53.07	56.95	71.36	57.49	1.08	1.08	1.09	1.09	1.09	1.09
300.0	0.60	0.60	49.00	54.13	64.72	54.74	1.09	1.09	1.10	1.10	1.10	1.09
400.0	0.60	0.60	47.54	52.77	57.10	50.08	1.09	1.09	1.10	1.11	1.10	1.10
500.0	0.61	0.61	45.23	50.05	53.79	47.79	1.09	1.10	1.10	1.11	1.10	1.11
600.0	0.61	0.61	43.28	47.67	50.65	45.68	1.09	1.10	1.10	1.12	1.11	1.11
700.0	0.61	0.61	41.71	45.86	48.26	43.87	1.10	1.10	1.11	1.12	1.11	1.12
800.0	0.61	0.61	40.35	44.23	45.71	41.94	1.09	1.10	1.11	1.13	1.11	1.13
900.0	0.62	0.61	39.01	42.57	43.53	40.21	1.09	1.10	1.12	1.14	1.12	1.13
1000.0	0.62	0.62	37.78	41.06	41.60	38.64	1.09	1.10	1.13	1.15	1.12	1.14
1100.0	0.62	0.62	36.62	39.61	39.81	37.10	1.08	1.10	1.14	1.16	1.13	1.15
1200.0	0.63	0.63	35.50	38.25	38.17	35.67	1.07	1.10	1.15	1.17	1.13	1.15
1300.0	0.63	0.64	34.41	36.95	36.64	34.30	1.06	1.09	1.16	1.18	1.14	1.16
1400.0	0.63	0.65	33.37	35.70	35.25	33.02	1.05	1.08	1.16	1.18	1.14	1.17
1500.0	0.64	0.65	32.35	34.52	33.92	31.82	1.04	1.08	1.16	1.19	1.15	1.17
1600.0	0.65	0.66	31.38	33.41	32.68	30.67	1.04	1.08	1.15	1.18	1.15	1.18
1700.0	0.67	0.67	30.44	32.34	31.50	29.57	1.04	1.07	1.15	1.18	1.16	1.19
1800.0	0.68	0.68	29.50	31.24	30.32	28.52	1.05	1.07	1.15	1.17	1.17	1.20
1900.0	0.69	0.69	28.56	30.21	29.24	27.51	1.06	1.08	1.15	1.17	1.18	1.21
2000.0	0.71	0.71	27.66	29.26	28.20	26.54	1.08	1.08	1.16	1.17	1.19	1.21

*Note:

CONTROL LOGIC			
Control Ports		RF Outputs	
1	2	1	2
0	-5V	Off	On
-5V	0	On	Off



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IF/RF MICROWAVE COMPONENTS

Typical Performance Data

Control Voltage: 0V/-8V

RF FREQ (MHz)	INSERTION LOSS*		ISOLATION*				VSWR*					
	(dB)		(dB)				(:1)					
	RF IN-RF OUT1	RF IN-RF OUT2	RF IN-RF OUT1	RF IN-RF OUT2	RF OUT1-RF OUT2	RF OUT1-RF OUT2	RF IN	RF IN	RF OUT1	RF OUT2	RF OUT1	RF OUT2
	RF OUT1 ON	RF OUT2 ON	RF OUT2 ON	RF OUT1 ON	RF OUT1 ON	RF OUT2 ON	RF OUT1 ON	RF OUT2 ON	RF OUT1 ON	RF OUT2 ON	RF OUT1 OFF	RF OUT2 OFF
0.3	0.55	0.55	99.20	93.50	94.78	86.98	1.11	1.11	1.11	1.11	1.10	1.10
0.5	0.56	0.56	91.94	103.85	103.06	98.99	1.11	1.11	1.11	1.11	1.10	1.10
1.0	0.55	0.56	94.83	106.44	103.57	95.93	1.10	1.10	1.10	1.10	1.10	1.10
2.0	0.55	0.56	91.37	87.77	113.77	93.16	1.10	1.10	1.10	1.10	1.10	1.09
4.0	0.55	0.55	84.15	88.56	92.70	94.02	1.10	1.10	1.10	1.10	1.10	1.10
6.0	0.55	0.56	81.74	85.34	86.87	85.11	1.09	1.09	1.10	1.10	1.10	1.09
8.0	0.55	0.56	74.79	73.85	77.78	83.85	1.09	1.09	1.09	1.09	1.10	1.09
10.0	0.56	0.56	75.21	77.36	86.48	83.89	1.09	1.09	1.10	1.09	1.10	1.09
20.0	0.56	0.57	65.81	69.36	75.90	78.23	1.08	1.08	1.09	1.08	1.10	1.09
40.0	0.56	0.57	59.06	63.00	67.57	66.86	1.08	1.08	1.08	1.08	1.09	1.09
60.0	0.57	0.58	60.38	63.91	67.37	64.74	1.08	1.08	1.08	1.08	1.09	1.09
80.0	0.58	0.59	60.11	63.94	69.64	65.03	1.08	1.08	1.08	1.08	1.09	1.09
100.0	0.59	0.59	56.52	61.39	88.45	70.25	1.07	1.08	1.08	1.08	1.09	1.09
200.0	0.59	0.60	52.84	56.51	71.78	57.84	1.08	1.08	1.09	1.09	1.09	1.09
300.0	0.60	0.60	49.26	54.58	63.48	54.24	1.09	1.09	1.10	1.10	1.10	1.10
400.0	0.60	0.60	47.55	52.83	57.42	50.12	1.09	1.09	1.10	1.11	1.10	1.10
500.0	0.60	0.60	45.23	50.16	54.11	47.92	1.10	1.10	1.11	1.12	1.10	1.11
600.0	0.60	0.60	43.35	47.82	50.92	45.77	1.10	1.11	1.11	1.12	1.11	1.12
700.0	0.60	0.60	41.82	46.07	48.44	43.87	1.10	1.11	1.12	1.13	1.11	1.12
800.0	0.61	0.61	40.43	44.41	46.00	42.07	1.10	1.12	1.12	1.14	1.12	1.13
900.0	0.61	0.61	39.14	42.81	43.85	40.36	1.10	1.12	1.13	1.15	1.12	1.14
1000.0	0.62	0.62	37.92	41.31	41.89	38.80	1.10	1.12	1.14	1.17	1.13	1.15
1100.0	0.62	0.62	36.78	39.88	40.12	37.30	1.10	1.12	1.15	1.18	1.13	1.15
1200.0	0.62	0.63	35.67	38.54	38.49	35.88	1.09	1.12	1.17	1.19	1.14	1.16
1300.0	0.63	0.64	34.63	37.28	36.97	34.52	1.09	1.12	1.17	1.20	1.15	1.17
1400.0	0.63	0.64	33.60	36.05	35.56	33.25	1.08	1.11	1.18	1.21	1.15	1.18
1500.0	0.64	0.65	32.61	34.87	34.25	32.06	1.07	1.11	1.18	1.21	1.16	1.18
1600.0	0.65	0.66	31.67	33.78	33.02	30.92	1.07	1.11	1.17	1.21	1.16	1.19
1700.0	0.66	0.67	30.74	32.72	31.85	29.84	1.07	1.11	1.17	1.20	1.17	1.20
1800.0	0.67	0.68	29.81	31.68	30.70	28.80	1.07	1.10	1.17	1.20	1.18	1.21
1900.0	0.69	0.69	28.90	30.64	29.59	27.80	1.08	1.10	1.17	1.20	1.19	1.22
2000.0	0.70	0.70	28.01	29.67	28.55	26.84	1.09	1.10	1.17	1.20	1.20	1.23

*Note:

CONTROL LOGIC			
Control Ports		RF Outputs	
1	2	1	2
0	-8V	Off	On
-8V	0	On	Off



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