

Typical Performance Data

RF (MHz)	LO (MHz)	CONVERSION LOSS (dB)			LO (MHz)	LO-RF ISOLATION (dB)			LO-IF ISOLATION (dB)		
		@LO (dBm)				@LO (dBm)			@LO (dBm)		
		+4	+7	+10		+4	+7	+10	+4	+7	+10
2000.0	2030.0	8.40	7.12	6.56	2000.0	39.3	38.5	36.1	11.1	14.3	16.7
2169.8	2199.8	7.32	6.60	6.24	2169.8	31.5	31.6	32.2	12.0	14.0	14.9
2396.2	2426.2	6.91	6.21	5.96	2396.2	26.7	26.8	26.9	11.7	12.3	12.3
2622.6	2652.6	6.94	6.44	6.20	2622.6	24.8	25.1	25.5	11.4	11.8	11.7
2735.9	2765.9	7.09	6.65	6.46	2735.9	24.1	24.5	24.8	11.6	11.9	11.6
3000.0	3030.0	7.59	7.14	6.87	3000.0	23.5	24.0	24.3	12.5	12.5	12.2
3188.7	3218.7	7.77	7.34	7.08	3188.7	24.0	24.5	25.0	13.5	13.4	13.0
3245.3	3275.3	7.79	7.37	7.10	3245.3	24.3	24.8	25.2	13.8	13.7	13.3
3358.5	3388.5	7.71	7.32	7.06	3358.5	25.0	25.8	26.1	14.6	14.2	13.8
3528.3	3498.3	7.82	7.43	7.15	3528.3	26.5	27.3	28.0	16.1	15.6	15.2
3584.9	3554.9	7.85	7.46	7.19	3584.9	27.5	28.2	28.7	16.8	16.2	15.8
3754.7	3724.7	7.87	7.50	7.18	3754.7	27.3	27.6	27.8	19.4	18.9	18.3
4000.0	3970.0	7.75	7.39	7.11	4000.0	31.7	30.8	29.8	23.1	22.5	22.0
4207.6	4177.6	8.19	7.60	7.17	4207.6	28.7	27.9	27.1	25.0	24.8	24.4
4264.2	4234.2	8.19	7.62	7.20	4264.2	28.2	27.3	26.5	25.4	25.1	24.8
4490.6	4460.6	8.22	7.65	7.17	4490.6	26.4	25.7	24.7	26.1	26.4	26.2
4717.0	4687.0	8.33	7.74	7.31	4717.0	25.7	25.1	24.4	27.1	27.4	27.4
4830.2	4800.2	8.32	7.69	7.37	4830.2	25.3	25.1	24.4	27.7	28.1	28.1
4943.4	4913.4	8.40	7.82	7.48	4943.4	24.8	24.8	24.2	28.4	28.8	28.7
5000.0	4970.0	8.42	7.86	7.53	5000.0	24.9	25.0	24.4	28.9	29.3	29.2

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IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED RoHS compliant

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RF/LO (MHz)	RF VSWR (:1)			LO VSWR (:1)			IF (MHz)	IF VSWR (:1)			LO/RF (MHz)	max. DC output (mV)	DC Offset (mV)
	@LO (dBm)			@LO (dBm)				@LO (dBm)			@LO (dBm)		
	+4	+7	+10	+4	+7	+10		+4	+7	+10	+7		
2000.0	4.28	3.49	2.91	4.57	3.54	3.40	1.6	1.49	2.00	2.36	2000.0	217.3	3.43
2169.8	4.32	3.45	2.87	3.95	3.36	3.41	3.3	1.49	2.00	2.35	2157.9	213.9	8.31
2396.2	4.21	3.33	2.79	3.56	3.13	3.38	5.5	1.49	2.00	2.36	2315.8	224.7	19.86
2622.6	3.65	3.05	2.64	2.80	2.57	2.91	7.8	1.49	2.00	2.35	2473.7	208.5	31.76
2735.9	3.26	2.80	2.46	2.42	2.40	2.82	10.0	1.50	2.00	2.36	2631.6	197.8	21.71
3000.0	2.93	2.45	2.13	1.97	2.30	2.90	20.0	1.49	2.00	2.35	2789.5	158.9	13.56
3188.7	2.93	2.49	2.19	1.84	2.32	2.98	40.0	1.49	2.00	2.34	2947.4	152.6	16.32
3245.3	2.86	2.41	2.13	1.83	2.33	3.00	60.0	1.48	1.99	2.33	3105.3	127.6	24.83
3358.5	2.87	2.42	2.12	1.78	2.31	2.95	80.0	1.48	1.97	2.33	3263.2	127.1	17.41
3528.3	2.72	2.32	2.06	1.79	2.38	3.11	100.0	1.47	1.96	2.30	3421.1	97.2	11.24
3584.9	2.84	2.40	2.17	1.75	2.29	2.96	150.0	1.45	1.92	2.25	3579.0	109.1	16.08
3754.7	2.89	2.44	2.17	1.77	2.31	2.98	244.4	1.38	1.81	2.13	3736.8	73.2	16.81
4000.0	3.05	2.58	2.31	1.95	2.47	3.17	338.9	1.29	1.68	1.97	3894.7	72.3	13.57
4207.6	3.40	2.84	2.61	2.33	2.79	3.47	433.3	1.19	1.53	1.80	4052.6	39.9	14.93
4264.2	3.50	2.99	2.67	2.28	2.63	3.07	527.8	1.12	1.37	1.61	4210.5	40.4	16.34
4490.6	3.64	3.16	2.80	2.78	3.06	3.71	622.2	1.12	1.23	1.44	4363.4	14.6	18.19
4717.0	3.76	3.13	2.70	2.85	2.91	3.33	716.7	1.19	1.10	1.28	4526.3	10.3	19.45
4830.2	3.77	3.11	2.70	3.30	3.18	3.54	811.1	1.30	1.03	1.14	4684.2	0.6	20.56
4943.4	3.57	2.90	2.53	4.16	3.79	4.06	905.6	1.42	1.14	1.05	4842.1	-8.8	20.91
5000.0	3.55	2.67	2.43	4.67	4.15	4.29	1000.0	1.54	1.26	1.12	5000.0	-19.8	20.97