

I&Q Demodulator

MIQA-10D

Typical Performance Data

FREQUENCY LO=10MHz (MHz)		CONVERSION LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE (I&Q) (deg.)	FREQUENCY (MHz)		DC OFFSET (mV)
RF	I&Q				LO	RF	
10.30	0.30	5.85	0.08	90.78	9.00	9.10	0.48
10.59	0.59	5.82	0.02	90.69	9.16	9.26	0.42
10.87	0.87	5.80	0.03	90.63	9.32	9.42	0.48
10.96	0.97	5.80	0.02	90.64	9.37	9.47	0.48
11.15	1.15	5.83	0.02	90.75	9.47	9.57	0.38
11.44	1.44	5.78	0.04	90.66	9.63	9.73	0.48
11.63	1.63	5.77	0.04	90.68	9.74	9.84	0.46
11.72	1.72	5.77	0.04	90.67	9.79	9.89	0.38
12.01	2.01	5.75	0.04	90.68	9.95	10.05	0.47
12.29	2.29	5.73	0.00	90.61	10.00	10.10	0.46
12.39	2.39	5.73	0.07	90.55	10.16	10.26	0.47
12.58	2.58	5.72	0.02	90.62	10.21	10.31	0.40
12.86	2.86	5.71	0.04	90.40	10.32	10.42	0.45
13.05	3.05	5.70	0.04	90.55	10.47	10.57	0.39
13.15	3.15	5.69	0.04	90.62	10.58	10.68	0.46
13.43	3.43	5.67	0.00	90.57	10.63	10.73	0.40
13.72	3.71	5.63	0.02	90.56	10.79	10.89	0.46
13.81	3.81	5.62	0.04	90.59	10.90	11.00	0.36
13.91	3.91	5.61	0.04	90.47	10.95	11.05	0.38
14.00	4.00	5.61	0.05	90.60	11.00	11.10	0.39