

# I&Q Demodulator

# MIQY-70D

## Typical Performance Data

FREQUENCY LO=70MHz (MHz)		CONVERSION LOSS (dB)	AMPLITUDE UNBALANCE (dB)	PHASE (I&Q) (deg.)	FREQUENCY (MHz)		DC OFFSET (mV)
RF	I&Q				LO	RF	
70.01	0.30	5.60	0.00	89.78	67.00	67.10	0.20
70.39	0.66	5.59	0.02	89.86	67.46	67.56	0.22
70.78	1.03	5.59	0.01	89.77	67.92	68.02	0.20
70.91	1.15	5.58	0.01	89.94	68.08	68.18	0.22
71.16	1.38	5.58	0.01	89.65	68.39	68.49	0.22
71.55	1.75	5.58	0.05	89.85	68.85	68.95	0.26
71.80	1.99	5.59	0.02	89.92	69.15	69.25	0.21
71.93	2.11	5.59	0.01	89.99	69.31	69.41	0.18
72.31	2.47	5.59	0.00	90.08	69.77	69.87	0.25
72.70	2.83	5.59	0.01	90.15	70.23	70.33	0.25
72.83	2.96	5.59	0.02	90.14	70.39	70.49	0.27
73.08	3.19	5.59	0.00	89.99	70.69	70.79	0.26
73.47	3.56	5.60	0.00	90.15	71.15	71.25	0.25
73.72	3.79	5.58	0.01	90.05	71.46	71.56	0.29
73.85	3.92	5.60	0.04	90.23	71.62	71.72	0.26
74.23	4.27	5.59	0.02	89.95	72.08	72.18	0.24
74.62	4.64	5.59	0.06	90.23	72.54	72.64	0.28
74.74	4.75	5.59	0.08	89.86	72.69	72.79	0.27
74.87	4.88	5.59	0.04	90.06	72.85	72.95	0.26
75.00	5.00	5.59	0.06	89.78	73.00	73.10	0.29