

CUSTOMER: NA

NOTE: Downconverter

MODEL NO: 970A-39.65/599

SERIAL NO: N/A

ITEM NO	SPECIFICATION	TEST DATA
1	RF Frequency	39.4 to 39.9 GHz
2	RF Bandwidth	500 MHz
3	IF Frequency	.950 to 1.450 GHz
4	IF Frequency Bandwidth	500 MHz
5	LO Frequency (Internal LO)	0-5 V Frequency Control
6	Conversion Gain	50 dB (Min) to 70 dB (Max)
7	Gain Stability (In Operating Temperature)	±0.5 dB in 20MHz Band
8	Image Rejection (Internal Filter)	25 dB
9	Phase Noise (dBc/Hz) @ 1 kHz	
10	Phase Noise (dBc/Hz) @ 10 kHz	
11	Phase Noise (dBc/Hz) @ 1 MHz	
12	LO Stability (External Reference)	10 MHz
13	SSB Noise Figure	3.5 dB (Typ), 5 dB (Max)
14	RF Access	WR-28 Waveguide
15	IF Access	N-type Female, 50 ohms
16	P1dB	10 dBm

TESTED BY: N/A

DATE: 2021-03-12



