

SATCOM RECEIVER

LNB

Ku Wide-band PLL LNB

RW1000I



TYPICAL SPECIFICATIONS

Input frequency	RW1000I: 10.95 - 12.75 GHz RW1000I1: 10.70 - 12.25 GHz	Output P1dB	+5dBm min
Output frequency	RW1000I: 950 - 2750 MHz RW1000I1: 950 - 2500 MHz	IP3	+15dBm min
LO frequency	RW1000I: 10.0GHz RW1000I1: 9.75GHz	Spurious Signal related Power supply related Harmonics	-50dBc max @-10dBm -50dBc max @-10dBm -30dBc max @-10dBm
Noise Figure	0.9 dB	LO leakage (Input)	-50dBm max
LO stability	±5 to ±50 KHz	Image rejection	40dBc min
Phase noise	-70dBc/Hz @1KHz -80dBc/Hz @10KHz -95dBc/Hz @100KHz	DC voltage / current	+12 to +24 V / 300mA
Input VSWR	2.2 : 1	Input waveguide	WR-75
Output VSWR	2.2 : 1	Output connector	N-female, F-female
Conversion gain	55dB typ	Dimension	105(L) x 60(W) x 40(H) mm
Gain flatness	±3dB max	Weight	400g
		Operating temperature	-40 to 60°C

HOW TO ORDER Ku WIDE-BAND PLL LNB

RW1109I(1)F

Output connector	 N: 50Ω, F: 75Ω
Frequency	 None: 10.95 – 12.75 GHz 1: 10.70 - 12.25 GHz
10MHz reference	 I: Internal PLL
Noise Figure	 09: 0.9dB
LO stability	 1: ±5KHz 2: ±10KHz 3: ±25KHz 4: ±50KHz
RW1: Ku wide-band LNB series	

SATCOM RECEIVER**OUTLINE DRAWING**