

SATCOM RECEIVER

LNB

Ku Wide-band EXT LNB RW1000X



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

HOW TO ORDER Ku WIDE-BAND EXT LNB

RW1009X(1)F

Output connector	N: 50Ω, F: 75Ω
Frequency	None: 10.95 – 12.75 GHz 1: 10.70 - 12.25 GHz
10MHz reference	X: External PLL
Noise Figure	09: 0.9dB
RW1: Ku wide-band LNB series	

SATCOM RECEIVER**OUTLINE DRAWING**