

SATCOM RECEIVER

LNB

Ka Dual-band PLL LNB RD9000H



TYPICAL SPECIFICATIONS

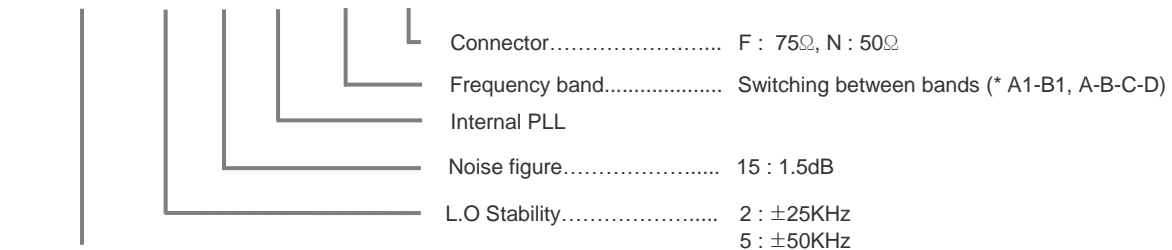
Noise figure	1.5dB max @room temp	Spurious	
L.O. stability	±25KHz, ±50KHz	In-band	-60dBc max @-10dBm
Phase noise	-60dBc/Hz @100Hz -70dBc/Hz @1KHz -80dBc/Hz @10KHz -90dBc/Hz @100KHz	Out-band	-50dBc max @-10dBm
Input VSWR	2.2 : 1 max	(Including Harmonics)	
Output VSWR	2.0 : 1 max	LO leakage (Input)	-37dBm max
Conversion gain	58dB (typ)	Image rejection	40dBc min
Gain flatness	±2.0dB over each band	Switching voltage	13V(Band1), 18V(Band2)
Output P1dB	+5dBm min	DC voltage / current	+11 to +26 V / 350mA
IP3	+15dBm min	Input waveguide	WR-42
		Output connector	N:50Ω, F:75Ω
		Dimension	114(L) x 70(W) x 39(H) mm
		Weight	500g

FREQUENCY BANDS AVAILABLE

	A1-band	A2-band	A-band	B-band	C-band	D-band
RF Freq.(GHz)	17.30-17.80	18.30-18.80	18.20-19.20	19.20-20.20	20.20-21.20	21.20-22.20
LO Freq.(GHz)	16.35	17.35	17.25	18.25	19.25	20.25
IF Freq. (MHz)	950-1450	950-1450	950-1950	950-1950	950-1950	950-1950

HOW TO ORDER KA DUAL-BAND PLL LNB, RD9000H

RD9215HBCF



RD9: Ka Dual-band LNB

* Other frequency bands can be available upon request.

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OUTLINE DRAWING

