

SATCOM RECEIVER

LNB

Ku Simul-band PLL LNB RS1000I



TYPICAL SPECIFICATIONS

Noise Figure	0.85 dB	Spurious	
LO stability	±5 to ±25 KHz	In-band	-60dBm max @room temp -55dBm max @over temp
Phase noise	-70dBc/Hz @1KHz -80dBc/Hz @10KHz -90dBc/Hz @100KHz	Out-band	-40dBm max
Input VSWR	2.2 : 1	LO leakage (Input)	-50dBm max
Output VSWR	2.0 : 1	Image rejection	50dBc min
Conversion gain	55dB typ	DC voltage / current	+13 to +20 V / 450mA
Gain flatness	±2dB max	Input waveguide	WR-75
Output P1dB	+5dBm min	Output connector	N-female, F-female
RF input level	-30dBm max	Dimension	140(L) x 42.5(W) x 40(H) mm
		Weight	470g
		Operating temperature	-40 to 60°C

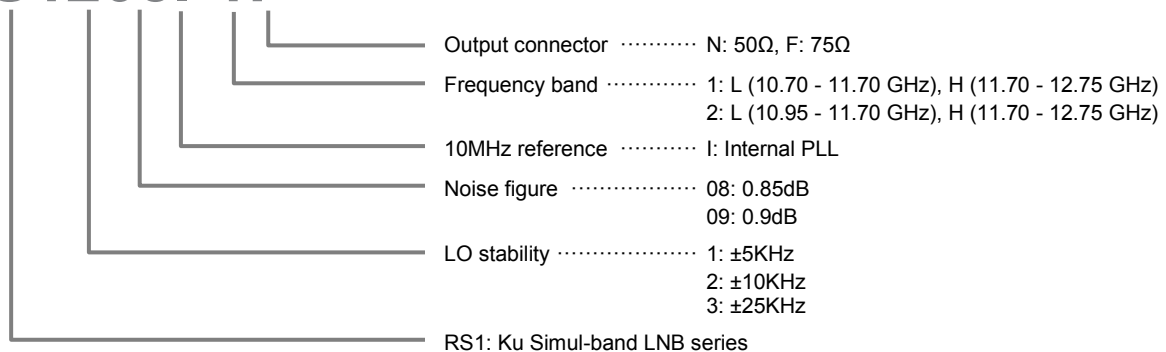
** DC and 10MHz external reference need to be supplied to both IF output ports.*

FREQUENCY BANDS AVAILABLE

	Option-1		Option-2	
RF freq. (GHz)	L: 10.70 - 11.70	H: 11.70 - 12.75	L: 10.95 - 11.70	H: 11.70 - 12.75
LO freq. (GHz)	L: 9.75	H: 10.75	L: 10.00	H: 10.75
IF freq. (MHz)	L: 950 - 1950	H: 950 - 2000	L: 950 - 1700	H: 950 - 2000

HOW TO ORDER Ku SIMUL-BAND PLL LNB

RS1208I-1F



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OUTLINE DRAWING

