

9000SXUAN

9000 Ka-Simultaneous Quad Band

PLL EXT LNB

Frequency A: 17.2 - 18.2 GHz | 18.2 - 19.2 GHz | 19.2 -

Bands: 20.2 GHz | 20.2 - 21.2 GHz

W/G Isolator: No

Output Connector: N: 50 Ohm



KEY SPECIFICATIONS

Band	Ka-Band
External Input Port	N Connector
External Ref Freq	10MHz, -5 to +5dBm
Input Frequency Band 1	17.20 - 18.20 GHz
Input Frequency Band 2	18.20 - 19.20 GHz
Input Frequency Band 3	19.20 - 20.20 GHz
Input Frequency Band 4	20.20 - 21.20 GHz
LO Frequency 1	16.25 GHz
LO Frequency 2	17.25 GHz
LO Frequency 3	18.25 GHz
LO Frequency 4	19.25 GHz
LO Stability	Ext Ref
LO Type	PLL
Noise Figure Max	2.3 dB
Number Of Onboard Los	Simultaneous Quad Band
Output Frequency Band 1	950 - 1950 MHz
Output Frequency Band 2	950 - 1950 MHz
Output Frequency Band 3	950 - 1950 MHz
Output Frequency Band 4	950 - 1950 MHz

RF SPECIFICATIONS

Conversion Gain Max	65 dB
Conversion Gain Min	55dB

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Conversion Gain Typ	60 dB
Gain Flatness (over Any 36mhz)	1 dB p-p
Gain Flatness (over Full Band)	4 dB p-p
Image Rejection	40 dBc min.
Input VSWR	3.5 : 1 max.
Output P1db	5 dBm min.
Output VSWR	2.2 : 1 max.

ELECTRICAL SPECIFICATIONS

Current Consumption	450 mA max. (each band)
IF Connector	SMA Connector
Power Requirements	+12 to +24V DC (each band)

INTERFACE SPECIFICATIONS

IF Connector	N-Connector
Isolator	No Isolator
RF Input Connector	WR 42

ENVIRONMENTAL SPECIFICATIONS

IP Rating	IP 67
Temperature Operational	-40°C to +60°C

PHYSICAL SPECIFICATIONS

Product Height	188.2 mm
Product Length	38.4 mm
Product Weight	1 kg
Product Width	141 mm

LOGISTICS SPECIFICATIONS

HS Code	Country of Origin	Ex Works	ECCN Number	Unit Package
	Made in Korea	Richmond, BC, Canada	EAR99	190 mm x 145 mm x 40 mm 1.4 kg

HOW TO ORDER



9000SHUAIF

LNB SERIES Simultaneous Band	CONNECTOR	F: 75 Ohm N: 50 Ohm S: SMA 50 Ohm
	W/G ISOLATOR	BLANK: No isolator I: With Isolator
	FREQUENCY	A: 17.2 - 18.2 GHz & 18.2 - 19.2 GHz & 19.2 - 20.2 GHz & 20.2 - 21.2 GHz B: 18.2 - 19.2 GHz & 19.2 - 20.2 GHz & 20.2 - 21.2 GHz & 21.2 - 22.2 GHz
	BAND TYPE	U: Quad
	REFERENCE	H: Internal X: External

MECHANICAL DIAGRAMS

