

9000SHDDN

9000 Ka-Simultaneous Dual Band PLL LNB

Frequency Bands: D: 20.2 - 21.2 GHz | 21.2 - 22.2 GHz

W/G Isolator: No

Output Connector: N: 50 Ohm



KEY SPECIFICATIONS

Band	Ka-Band
Input Frequency Band 1	20.20 - 21.20 GHz
Input Frequency Band 2	21.20 - 22.20 GHz
LO Frequency 1	19.25 GHz
LO Frequency 2	20.25 GHz
LO Stability	±10 kHz
LO Type	PLL
Noise Figure Max	1.8 dB
Number Of Onboard Los	Simultaneous Dual Band
Output Frequency Band 1	950 - 1950 MHz
Output Frequency Band 2	950 - 1950 MHz

RF SPECIFICATIONS

Conversion Gain Max	65 dB
Conversion Gain Min	55dB
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	2.5 : 1 max.
Output P1db	5 dBm min.
Output VSWR	2.2 : 1 max.
Phase Noise 0.1khz Offset Max	-65 dBc/Hz



### ELECTRICAL SPECIFICATIONS

Current Consumption	350 mA max. (each band)
IF Connector	N 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

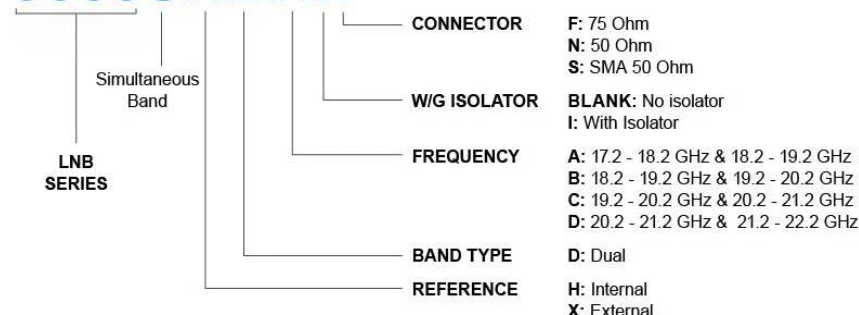
Product Height	159.2 mm
Product Length	38.4 mm
Product Weight	0.75 kg
Product Width	78.4 mm

### LOGISTICS SPECIFICATIONS

HS Code	Country of Origin	Ex Works	ECCN Number	Unit Package
	Made in the Republic of Korea	Richmond, BC, Canada	EAR99	160 mm x 80 mm x 40 mm   0.75 kg

### HOW TO ORDER

## 9000SHDAIF

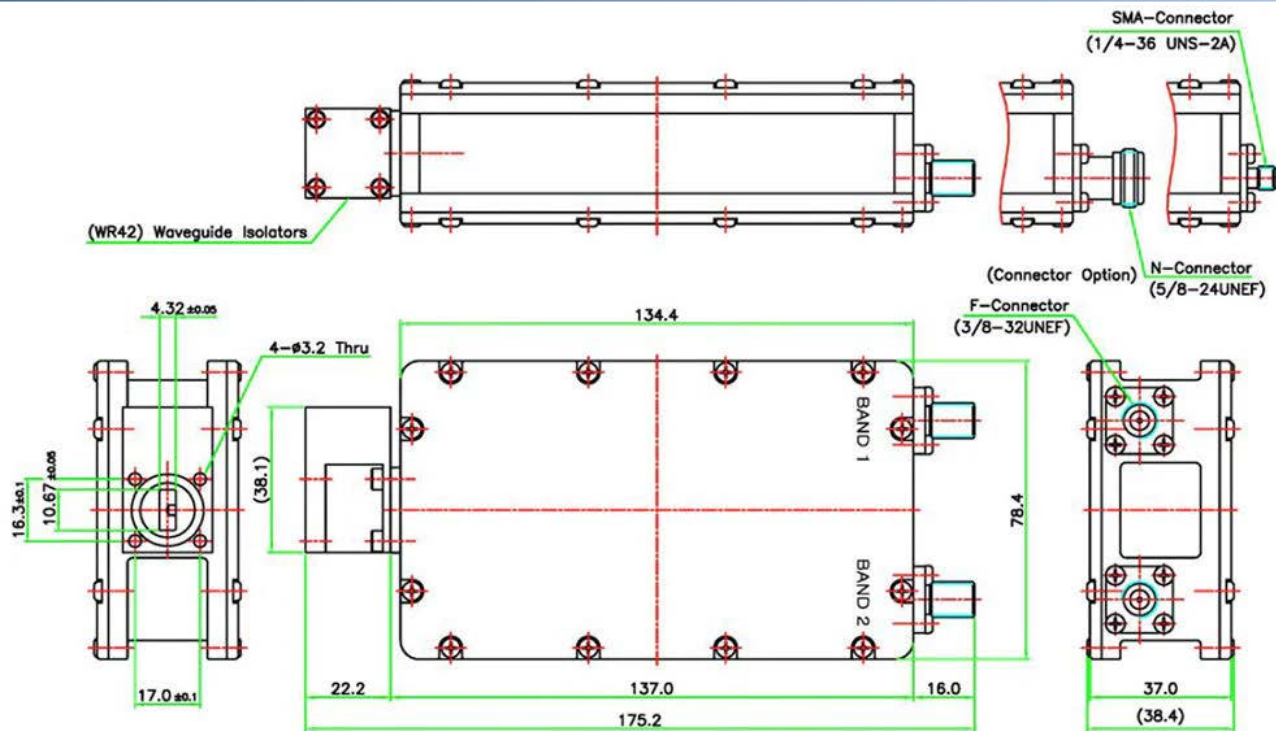


### MECHANICAL DIAGRAMS



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