

9000SHTAN

9000 Ka-Simultaneous Triple Band

PLL LNB

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

Bands: 20.2 GHz

W/G Isolator: No

Output Connector: N: 50 Ohm



KEY SPECIFICATIONS

Band	Ka-Band
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
LO Frequency 1	16.25 GHz
LO Frequency 2	17.25 GHz
LO Frequency 3	18.25 GHz
LO Stability	±10 kHz
LO Type	PLL
Noise Figure Max	1.9 dB
Number Of Onboard Los	Simultaneous Triple Band
Output Frequency Band 1	950 - 1950 MHz
Output Frequency Band 2	950 - 1950 MHz
Output Frequency Band 3	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	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	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

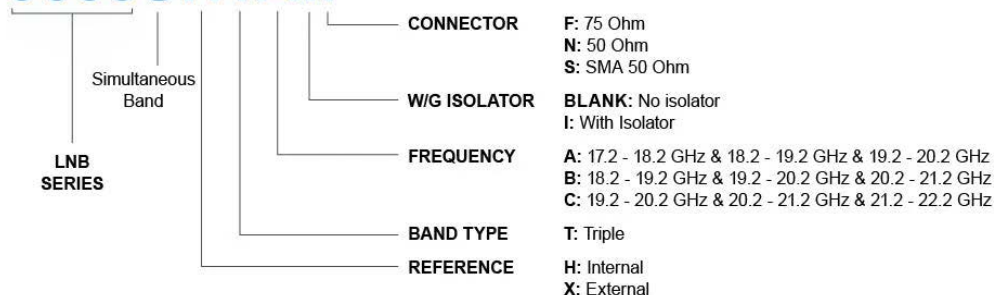
Product Height	160.8 mm
Product Length	38.4 mm
Product Weight	1 kg
Product Width	108 mm

LOGISTICS SPECIFICATIONS

HS Code	Country of Origin	Ex Works	ECCN Number	Unit Package
	Made in Korea	Richmond, BC, Canada	EAR99	160 mm x 110 mm x 40 mm 1.05 kg

HOW TO ORDER

9000SHTAIF

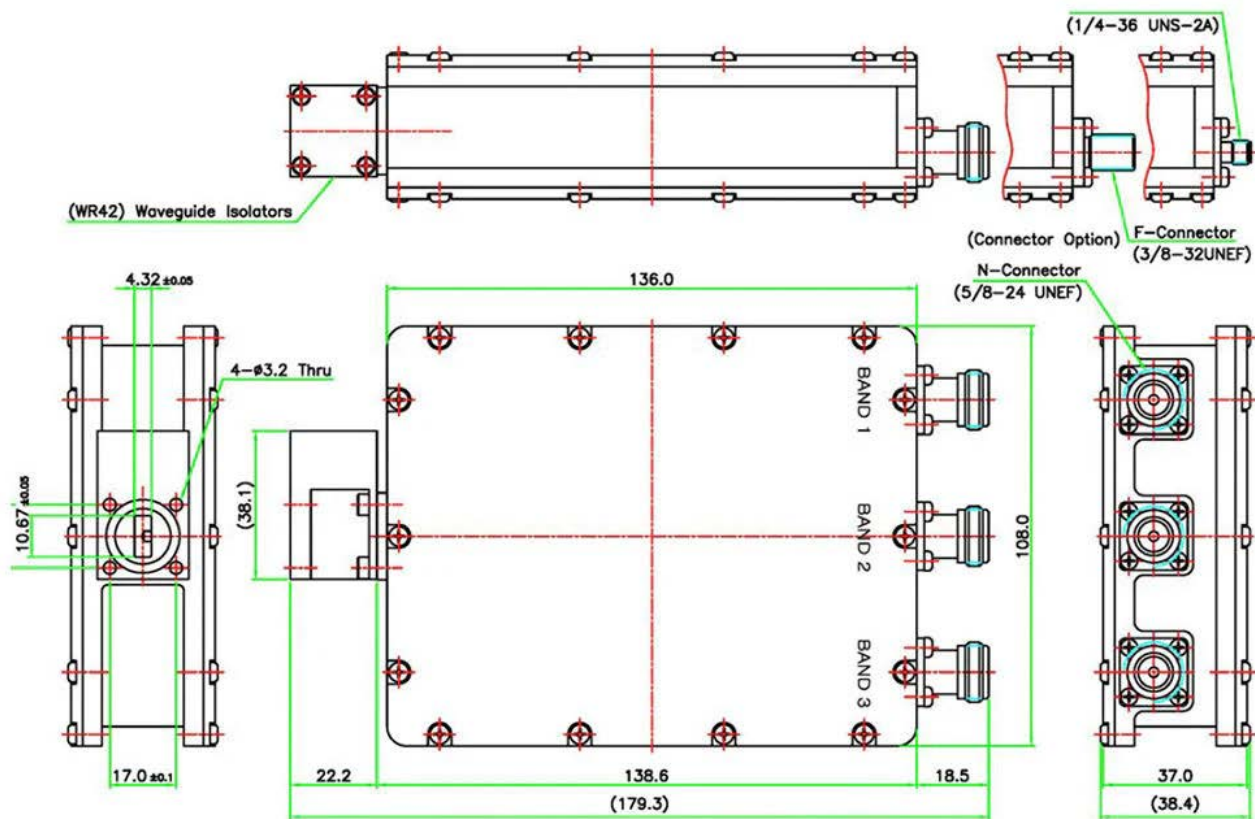


MECHANICAL DIAGRAMS



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