

9000SHDDS

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: SMA: 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	SMA Connector
Power Requirements	+12 to +24V DC (each band)

INTERFACE SPECIFICATIONS

IF Connector	SMA Connector
Isolator	No Isolator
RF Input Connector	WR 42

ENVIRONMENTAL SPECIFICATIONS

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

PHYSICAL SPECIFICATIONS

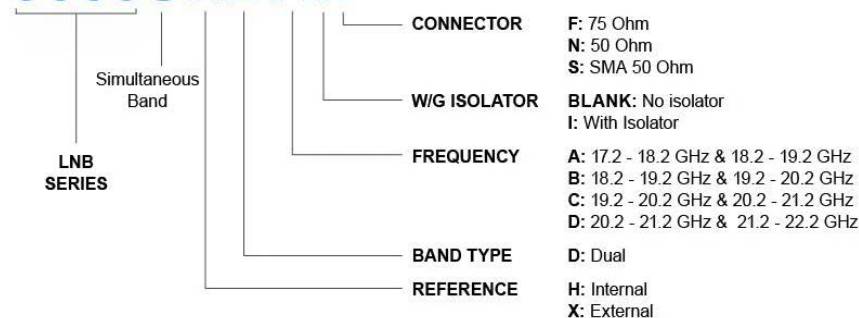
Product Height	159.2 mm
Product Length	38.4 mm
Product Weight	0.75 kg
Product Width	78.4 mm

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

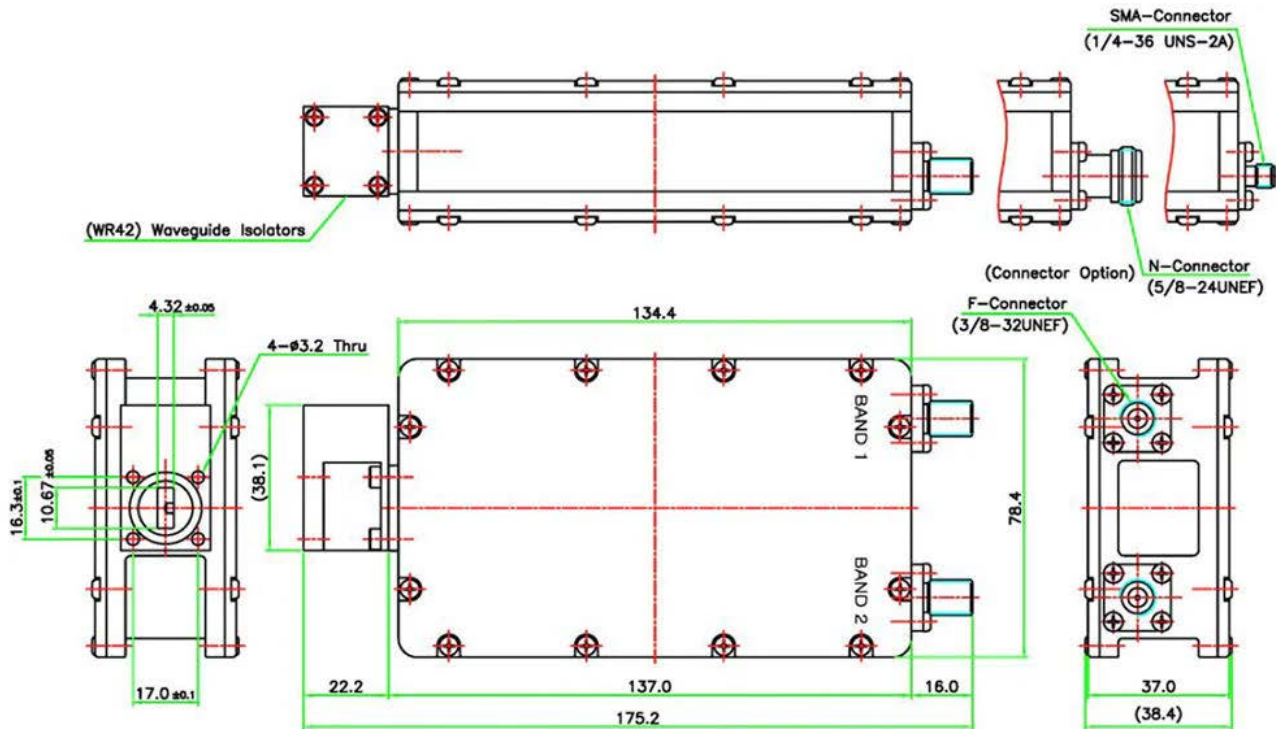


MECHANICAL DIAGRAMS



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