

LNA-100136

Single-Band S-Band LNA 2000-2550

Input Connector: N - 50 Ohm

Output Connector: F - 75 Ohm

Power Connector: Feed through connector



KEY SPECIFICATIONS

Band	S-Band
Input Frequency Band 1	2000 - 2550 MHz
Noise Figure	45K max.

RF SPECIFICATIONS

Conversion Gain Max	60 dB
Conversion Gain Min	50 dB
Conversion Gain Typ	55 dB
Gain Flatness	2 dB p-p
Gain Ripple (at Per 36mhz)	1 dB p-p
Input VSWR	2.0 : 1 max.
Output P1db	+ 10 dBm
Output VSWR	2.0 : 1 max.

ELECTRICAL SPECIFICATIONS

Current Consumption	300 mA max.
Input Power	Feed through connector
Power Requirements	+12 to +24V DC

INTERFACE SPECIFICATIONS

RF Input Connector	N - 50 Ohm
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ENVIRONMENTAL SPECIFICATIONS

IP Rating	IP 65
Temperature Operational	-40°C to +60°C

PHYSICAL SPECIFICATIONS

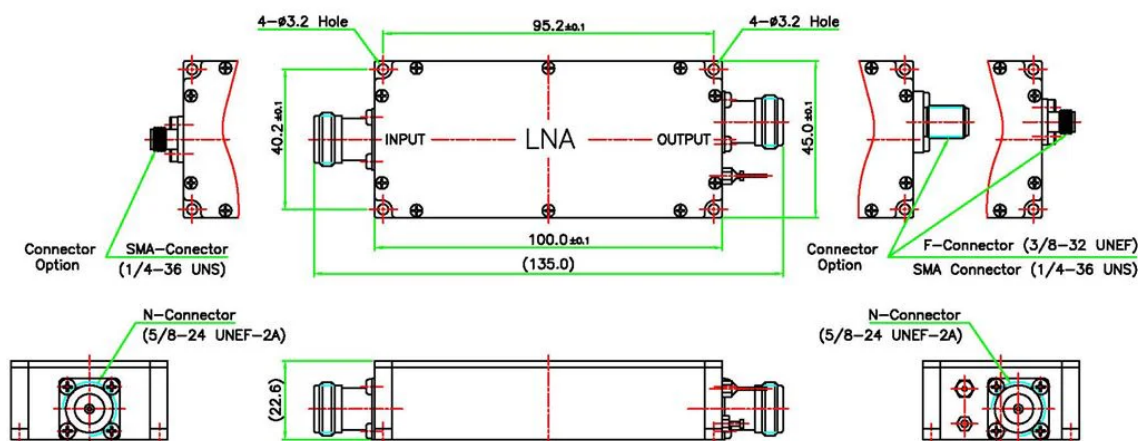


Product Height	100.0 mm
Product Length	22.6 mm
Product Weight	0.25 kg
Product Width	45 mm

LOGISTICS SPECIFICATIONS

HS Code	Country of Origin	Ex Works	ECCN Number	Unit Package
8517690000	Made in the Republic of Korea	Richmond, BC, Canada	EAR99	190 x 115 x 75 mm 0.25 kg

MECHANICAL DIAGRAMS



Unit : mm