



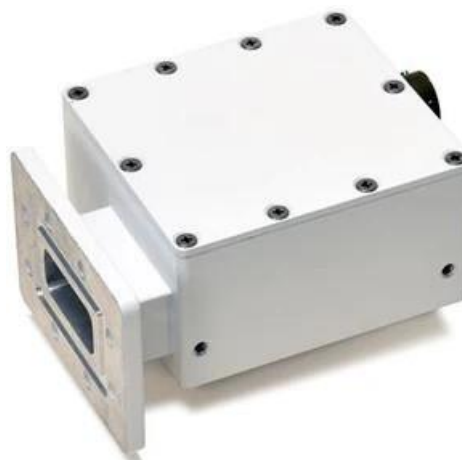
LNA-100112

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Conversion Gain: 45-55 dB typ.

Output Connector: N - 50 Ohm

Power Connector: Output connector



KEY SPECIFICATIONS

Band	X-Band
Input Frequency Band 1	7.25 - 8.5 GHz
Noise Figure	0.9 dB

RF SPECIFICATIONS

Conversion Gain Max	55 dB
Conversion Gain Min	45 dB
Conversion Gain Typ	50 dB
Gain Flatness	5 dB p-p
Gain Ripple (at Per 36mhz)	1 dB p-p
Input VSWR	3.0 : 1
Output P1db	+ 10 dBm
Output VSWR	2.0 : 1

ELECTRICAL SPECIFICATIONS

Input Power	Output connector
Power Requirements	+12 to +24V DC

INTERFACE SPECIFICATIONS

Input W/g Flange	CPR-112G
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ENVIRONMENTAL SPECIFICATIONS

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





PHYSICAL SPECIFICATIONS

Product Dimensions (LxWxH)	46.2 x 77.0 x 102.1 mm
Product Weight	0.550 kg

LOGISTICS SPECIFICATIONS

HS Code	Country of Origin	Ex Works	ECCN Number	Unit Package
8517690000	Made in Korea	Korea	EAR99	145 x 95 x 65 mm 0.645 kg

MECHANICAL DIAGRAMS

