



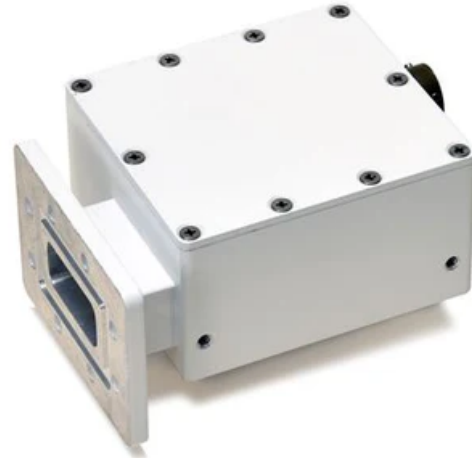
LNAX22SP

Single-Band X-Band LNA

Band & Gain: 7.25 - 7.75 GHz & 50 dB typ.

Output Connector: SMA

Power Connector: MS3112E10-6P



KEY SPECIFICATIONS

Band	X-Band
Input Frequency Band 1	7.25 - 7.75 GHz
Noise Figure	0.8 dB
Required Current	200 mA

RF SPECIFICATIONS

Conversion Gain	45 dB min., 50 dB typ., 55 dB max.
Gain Flatness	4 dB p-p
Gain Ripple (At Per 36 M Hz)	1 dB p-p
Input V S W R	2.0 : 1
Output P1D B	+ 10 dBm
Output V S W R	2.0 : 1

ELECTRICAL SPECIFICATIONS

Power Connector	MS3112E10-6P
Power Supply	12-24 VDC

INTERFACE SPECIFICATIONS

Input W/ G Flange	CPR 112G
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ENVIRONMENTAL SPECIFICATIONS





Temperature Operational	-40 to +60°C
Waterproofing	IP 67
Weight	550 g

PHYSICAL SPECIFICATIONS

Dimensions (Lx Wx H)	46.2 x 77.0 x 92.1 mm
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LOGISTICS SPECIFICATIONS

HS Code	Country of Origin	ECCN Number	Shipping Package
8517690000	Made in Korea	EAR99	145 x 95 x 65 mm 645 g

MECHANICAL DIAGRAMS

