

New Solutions from...



COTS Space Low-Noise Amplifiers

Lower Mission Risk · Shorter Lead Times · Reduced Costs

Covering frequency bands from 0.1 to 40 GHz, with selectable NASA or Mil-Spec screening levels and optional radiation-hardened voltage regulators.

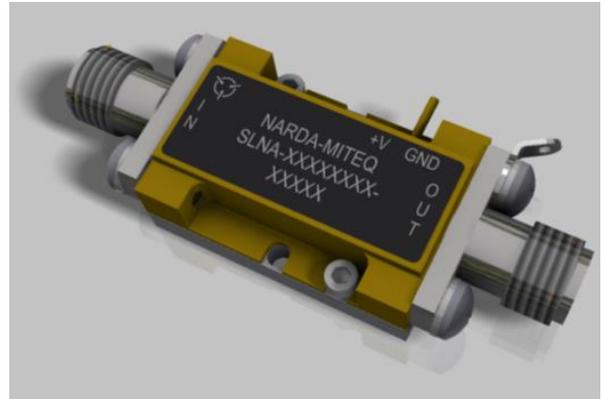
Narda-MITEQ is introducing a family of COTS Low-Noise Amplifiers Designed for Space Flight (SLNAs).

With extensive space heritage in low-noise amplifier technology, Narda-MITEQ's SLNAs reduce mission risk by using materials and processes with proven flight record - while also delivering substantial cost and lead-time savings.

SLNA models cover frequency bands ranging from VHF to Ka-band (0.1 to 40GHz), are housed in hermetically sealed Kovar enclosures, feature low DC power consumption, and provide radiation tolerance up to 200 Krad.

Key features of Narda-MITEQ's COTS Space Low-Noise Amplifier (SLNA):

- Broadband coverage (0.1 to 18GHz), Octave bands from L- to Ka-band, and models optimized for GPS
- Minimum 5dBm of linear output power (P1dB) with high gain (30-50 dB) and sub-1 dB Noise Figure
- Available with various screening levels (NASA EEE-INST-002 Level 3 to MIL-PRF-38534 Class K), ideal for both deep-space missions and rapid-deployment commercial LEO space applications



Model Number	Description
SLNA-30-00101800-5P	Broadband COTS Space Low Noise Amplifier, 30dB, 0.1 to 18GHz
SLNA-XX-01000200-5P	L-band COTS Space Low Noise Amplifier, 30-50dB, 1 to 2GHz
SLNA-XX-02000400-5P	S-band COTS Space Low Noise Amplifier, 30-50dB, 2 to 4GHz
SLNA-XX-04000800-5P	C-band COTS Space Low Noise Amplifier, 30-50dB, 4 to 8GHz
SLNA-XX-08001200-5P	X-band COTS Space Low Noise Amplifier, 30-50dB, 8 to 12GHz
SLNA-30-18002650-5P	K-band COTS Space Low Noise Amplifier, 30dB, 18 to 26.5GHz
SLNA-30-26004000-5P	Ka-band COTS Space Low Noise Amplifier, 30dB, 26 to 40GHz
SLNA-XX-01150165-0P	COTS Space Low Noise Amplifier, 30-50dB for GPS-bands



www.nardamiteq.com

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