

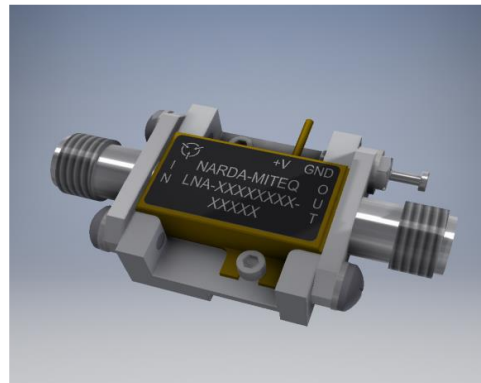
New Solutions from...



Ultra Low-Noise Amplifiers (ULNAs)

Ultra-Low Noise · Broadband Operation · Standard Offering

ULNAs offer reduced noise figure while maintaining gain, linear power and mechanical outline of Narda-MITEQ general-purpose LNA series amplifiers now available with broadband coverage from VHF to Ka band (0.1 to 40GHz).



The ULNA amplifiers use InP-based HEMTs to enable the ultra-low noise performance and leverage Narda-MITEQ's extensive expertise with design and fabrication of low-noise amplifiers for high-frequency applications in challenging applications and harsh environments.

Key features of Narda-MITEQ's Ultra-Low LNA (ULNAs) series:

- Ultra-Low Noise with up to 0.5dB reduction in NF from 2 to 18GHz vs. standard LNA series
- Broadband frequency coverage from VHF (100 MHz) to Ka-band (40GHz)
- Selection of gain levels from 25 to 40dB and linear power levels from 5 to 15dBm
- Use of standard LNA outlines in Aluminum or Kovar with hermetic seal options

Model Number	Description
ULNA-25-0010-1800-5P	Ultra Low Noise Amplifier. 0.1-18GHz 25 dB Gain
ULNA-30-0010-1800-10P	Ultra Low Noise Amplifier. 0.1-18GHz 30 dB Gain
ULNA-30-1800-4000-10P	Ultra Low Noise Amplifier, 18-40GHz 30 dB Gain
ULNA-35-1200-1800-15P	Ultra Low Noise Amplifier, 12-18GHz 35 dB Gain
ULNA-40-0200-0400-10P	Ultra Low Noise Amplifier, 2-4GHz 40 dB Gain
ULNA-30-1200-1800-10P	Ultra Low Noise Amplifier, 12-18GHz 30 dB Gain



www.nardamiteq.com

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