

IN LINE LOW NOISE AMPLIFIER



The Navtech range of low noise amplifiers covers the bands from 400 MHz up to 3.5GHz to enable low cost, low noise line driving from antennas to remote receivers.

The amplifier is available with options to power the device via the RF feeder from a bias T network, or by a direct feed from local power supply.

Optional power bypass is available for use as an amplified "Bias T" if required.

The amplifiers couple directly to the antenna connector to maintain low noise performance.

Environmentally sealed to IP 65, they are ruggedly designed to withstand extremes of temperature and weather.

Frequency bands

400 - 1000 MHz	NTS – LN1 UHF
1000 - 2100 MHz	NTS – LN1 L-Band
1900 - 2700 MHz	NTS – LN1 S Band
2700 - 3500 MHz	NTS – LN1 C Band

Gain	12 dB (typical)
Noise figure	1.9 dB (typical)
Connectors	N type standard, SMA optional
Power	5 to 15 volts direct or via output RF feeder, 20 mA max
Dimensions	26mm x 35mm x 56mm + connectors

