

# Navtech Systems Video Links

## 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	<b>NTS – LN1 UHF</b>
1000 - 2100 MHz	<b>NTS – LN1 L-Band</b>
1900 - 2700 MHz	<b>NTS – LN1 S Band</b>
2700 - 3500 MHz	<b>NTS – LN1 C Band</b>

**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



**NAVTECH SYSTEMS** Limited

Sulby, Nr. Welford, Northamptonshire. NN6 6EZ. UK.

Telephone: +44 (0)1858 880 857 Fax: +44 (0)1858 880 859

E-mail: [sales@navtechsystems.co.uk](mailto:sales@navtechsystems.co.uk)

Web: [www.navtechsystems.co.uk](http://www.navtechsystems.co.uk)