



**BONN HUNGARY
ELECTRONICS**

1-2 GHz LOW NOISE AMPLIFIER

BLSC16
NDS # 506

an ISO 9001 Certified Company



- **LOW NOISE**
- **SMALL SIZE**
- **LIGHT WEIGHT**

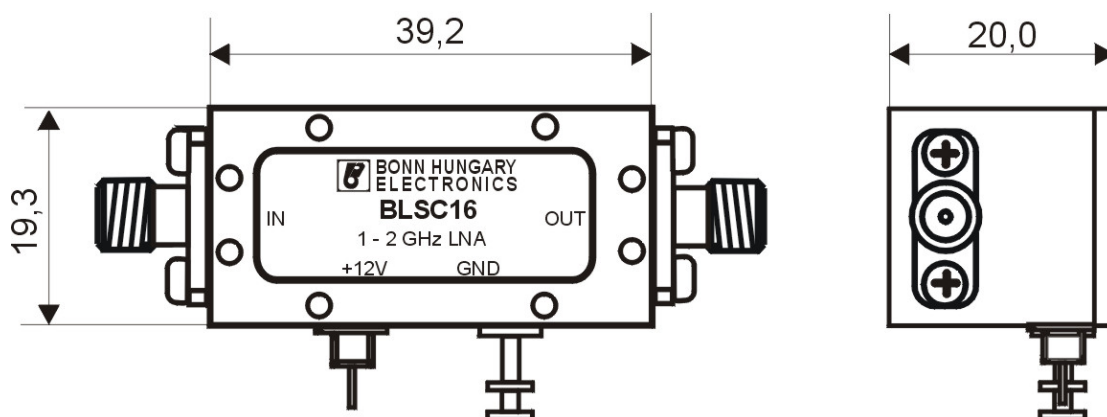
This wide-band low noise amplifier is intended for use in modern solid state communication and instrumentation equipment, where high reliability microwave signal amplification, high dynamic range are important factors. Typical applications are in satellite or terrestrial telecommunication systems. This microwave LNA is constructed using Gallium Arsenide HEMT amplifier stages of high reliability.

ELECTRICAL CHARACTERISTICS :

Frequency Band *	1.0 to 2.0 GHz
RF Gain	32 dB
Gain Flatness	± 1 dB
Gain Stability	± 0.5 dB/day max
Input Noise Figure	< 1.4 dB
I/O Return Loss	10 dB
1 dB Compression	+ 10 dBm
I/O Impedance	50 ohms
Supply Voltage	+ 12 to 15 V DC
RF Connectors	N - female
Operating Temperature Range	0 ...+ 60 °C (optional: - 30 ...+ 70 °C)

Specifications are subject to change without notice.

OUTLINE DIMENSIONS (mm):



BONN Elektronik
RF Systems, Instruments and Components



Rudolf-Diesel-Str.18 • D-85521 Ottobrunn • Tel +49 (0)89/608 754-0 • Fax +49 (0)89/608 754-99
email: info@bonn-elektronik.com . home: www.bonn-elektronik.com