



**BONN HUNGARY  
ELECTRONICS**

**5.4-5.9 GHz  
LOW NOISE  
AMPLIFIER**

**BLCC10**  
NDS # 505

an ISO 9001 Certified Company



- **LOW NOISE**
- **HIGH GAIN**
- **WEATHER-PROOF HOUSING**

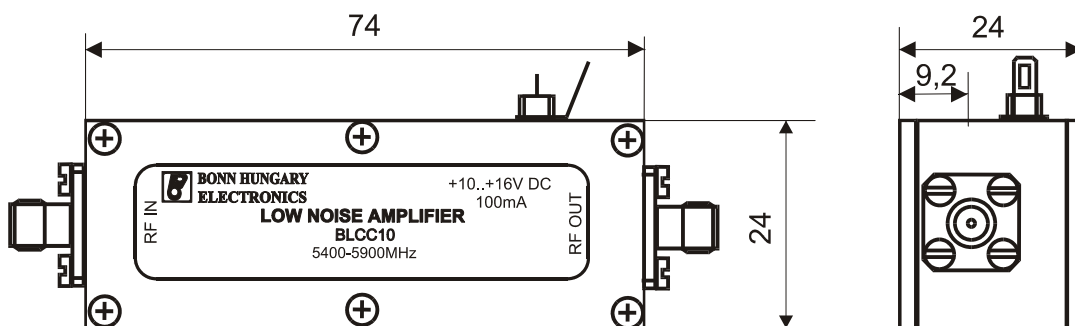
This C-band low noise amplifier is intended for use in modern solid state communication equipment, where high reliability microwave signal amplification, high dynamic range are important factors. Typical applications are in satellite or terrestrial communications. This microwave LNA is constructed using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

**ELECTRICAL CHARACTERISTICS :**

Frequency Band	5.4 to 5.9 GHz min. 5.0 to 6.0 GHz typ.
RF Gain	40 dB min.
Gain Flatness	± 0.5 dB
Input Noise Figure	< 1.2 dB, 1.0 dB typ.
I/O VSWR	< 2:1, 1.5:1 typ.
1 dB Compression	+ 10 dBm
I/O Impedance	50 ohms
Supply Voltage	+ 15V DC
RF Connectors	SMA - female
Operating Temperature Range	0 ...+ 60 °C (optional: - 30 ...+ 70 °C)
Mechanical Dimensions	74 x 24 x 24 mm

Specifications are subject to change without notice.

**OUTLINE DIMENSIONS (mm):**



**BONN Elektronik**   
RF Systems, Instruments and Components

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