

WB-LNA

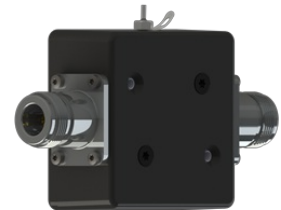
Wideband (66 - 1000 MHz) Low Noise Amplifier

WB-LNA is Low Noise Amplifier offering wide bandwidth, low noise figure and low power consumption.

- Suitable to be used as pre-amplifier in receiver, combiner or multicoupler systems.
- Available with nominal gain of 18 dB - Please contact for other values
- Large dynamic range with high maximum input power
- Integrated mounting

ELECTRICAL SPECIFICATIONS

Type	Low Noise Amplifier
Frequency	66 - 1000 MHz
VSWR	< 2.0:1 (Input), < 1.5:1 (Output) (See graph)
Impedance	50 Ohm
Gain	> 20 dB (66 - 600 MHz), > 18 dB (600 - 1000 MHz) (See graph)
Noise Figure	< 1.3 dB
Compression (OP1dB)	Min. 18.5 dBm Max. 19.6 dBm
Third-order intercept point (OIP3)	> 31 dBm
Max. Input Power	-10 dBm , +17 dBm (Absolute)
Supply Voltage	8.0 - 24.0 VDC
Current Consumption	Approx. 65 mA



MECHANICAL SPECIFICATIONS

Color	Black Grey (RAL7021)
Dimensions	25 x 50 x 90 mm
Weight	Approx. 150 g
Mounting	Integrated mounting threads (see outline drawing)
Operating Temperature	-30°C to +60°C
Connector	Voltage Supply: Solder Terminal Input and Output: Type N-female
Serial No.	On product label

ORDERING INFORMATION

WB-LNA-18-NF-NF	Wideband Low Noise Amplifier
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Datasheet

