

Typical Applications

- Aerospace and military applications
- Wireless telecom systems
- IF Applications

Main Features

Broadband Low Noise Amplifier 0.01 – 400 MHz
 High reliability and Ruggedness
 Customization available upon request

Electrical Specifications, Ta = +25°, Vdd = +24V

Parameter	Unit	Specification
Frequency Range	MHz	0.01 - 400
Gain	dB	24 typ.
Gain variation	dB	+/- 2.5 max
1 dB Compression Output Power	dBm	29 min
Noise Figure	dB	10 max
Input VSWR	dB	-10 max
Spurious Signals	dBc	-60 max
Input Power for Nominal Output	dBm	10 typ.
In/Out Impedance	Ohm	50 typ.
Supply voltage	V	+24 +/- 0.5 typ.
Supply Current (Vdd=+24V)	mA	500 max
ON/OFF Control		Amplifier Enable : TTL "Low" (Logic 0) or Open Amplifier Disable :TTL "High" (Logic 1)

Environment

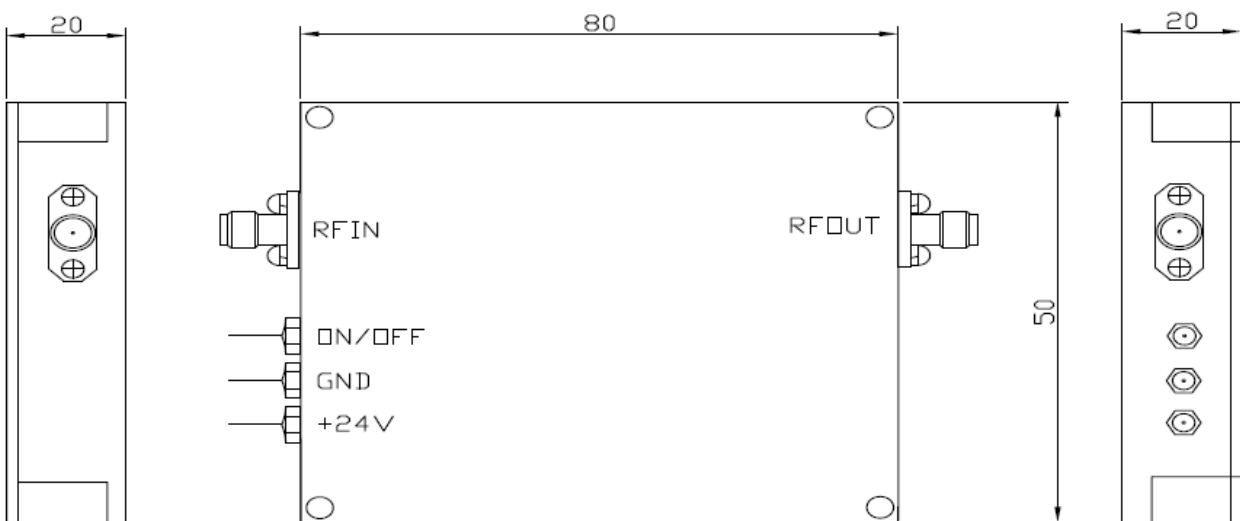
Parameter	Unit	Specification
Operating Temperature	°C	-20°C to +50°C
Storage Temperature	°C	-40°C to +85°C

Mechanical Specifications

Parameter	Unit	Specification
Dimensions	mm	80 x 50 x 20
RF connectors		SMA - Female

Outline drawing

All dimensions in mm



Products and Product Information are Subject to Change Without Notice

TECHNIWAVE • Chemin de Montfort 78770 THOIRY France • Tél. : +33 (0)1 34 84 37 43 • E-mail : sales@techniwave.com • www.techniwave.com

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