



APPLICATIONS and Usage	Product FEATURES
<ul style="list-style-type: none"> •Microwave Radio & VSAT •Military & Space •Test Instrumentation •Fiber Optics 	<ul style="list-style-type: none"> •Wide Bandwidth •low Power Consumption •low Noise Figure •Miniature Sizes, Field Removable connector •Compact/Rugged Thin-Film Construction

ELECTRICAL SPECIFICATIONS @25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	20		520	MHz
Small Signal Gain @CW	50			dB
Small Signal Gain Flatness			3	dB
Noise Figure				dB
Output Power @CW	100			Watt
Turn On/Off Speed			5	us
VSWR		2:1		Ratio
DC Power Supply		+28		Volt
Current		9		A

Note:

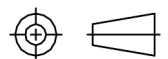
- 1.Spurious Signals:-60dBc.
- 2.Harmonics:2nd > 35dBc Typ; 3rd >15dBc Typ.
- 3.Input Return Loss:10 dB Min.
4. 2Tone Intermodulation (IMD):>30 dBc Typ.

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power			+8	dBm
Operating Temperature	-20		+50	°C
Non-operating Temperature	-40		+65	°C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)	10000		30000	feet
Shock / Vibration (MIL-STD-810F)		Airbone		

All Features is customizable Based on Customer Request

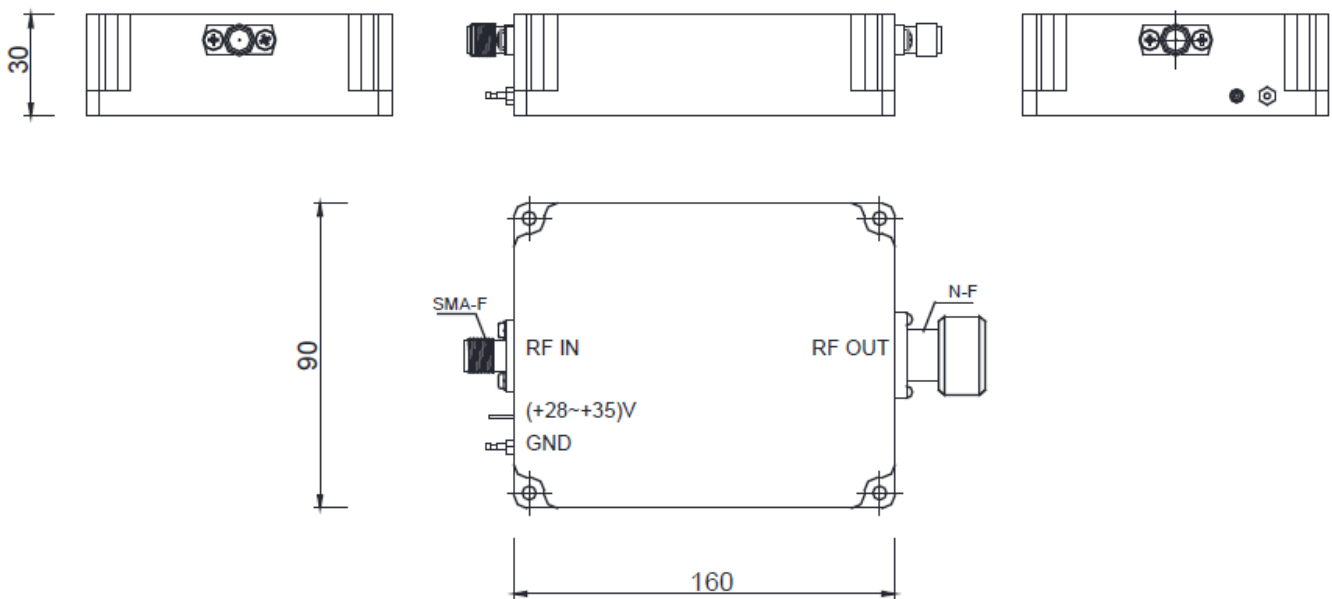
Part Number: **IWBA-000252**



MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	160*90*30		Millimeter
Weight	0.8		kg
RF Connectors Input	SMA-F		
RF Connectors output	N-F		
Impedance	50		ohms

OUTLINE DRAWING (mm):

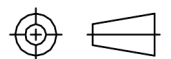


Note: Miniature size, drop-in, SMT and customized specification is also available

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IWBA-000252



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