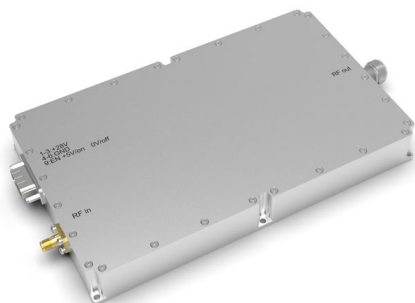


LINEAR WIDEBAND POWER AMPLIFIER

Model – MB026040G434420



20 watts 26500MHz - 40000MHz CW Mode

General Description:

This amplifier is a broadband Class AB solid-state RF power amplifier system designed for EMC/EMI test, broad band jamming, high power test and general-purpose amplification. This system utilizes the latest high power RF transistors and also features a built in control and monitoring.

Like all Elite RF amplifiers, the product comes with an industry leading warranty.

Features

- Wide Freq. Range
- High Output Power
- High Gain
- High Reverse Isolation
- Built-in Protection

ELECTRICAL SPECIFICATIONS

Parameter	Symbol	Min	Typ	Max	Unit
Frequency Range	BW	26500		40000	MHz
Output Power CW	Psat		20		Watt
Output Power at 1 dB Compression	P1dB	4			Watt
Gain	Gp	44			dB
Gain Flatness	Delta Gp 1		+/- 5		dB
Input VSWR	S11			2.5:1	Ratio
Harmonics	H			-15	dBc
Spurious Signals	Spur		-55		dBc
Operating Voltage	VDC		20		Volts
Power Consumption	P			400	Watts
Input Power	Pin			5	dBm
Power Display Accuracy	C		-		dB

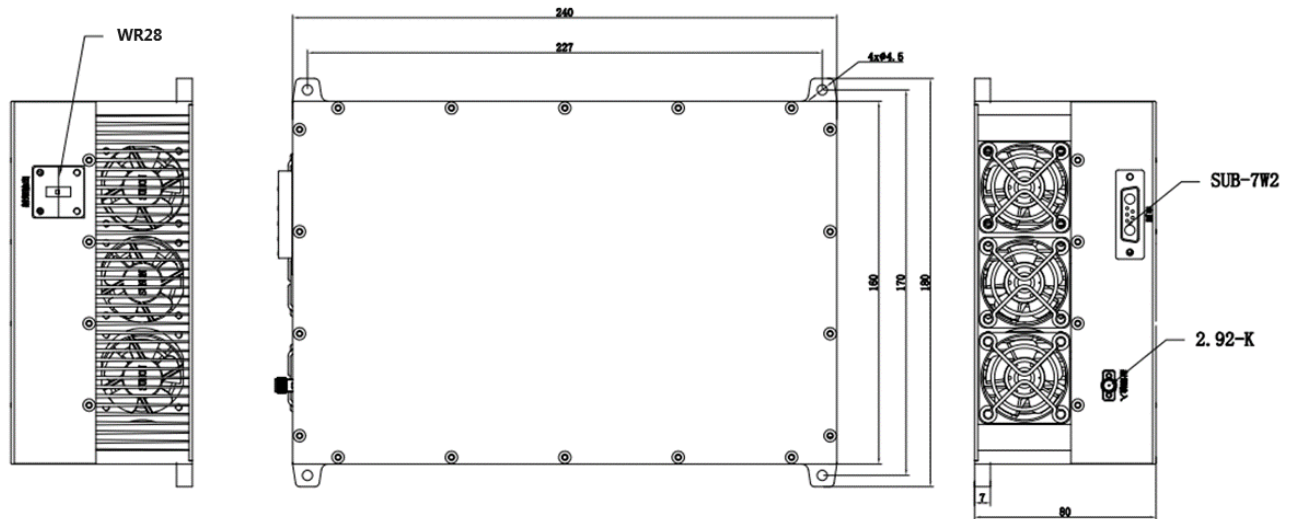
ENVIRONMENTAL CHARACTERISTICS

Parameter	Symbol	Min	Typ	Max	Unit
Operating Case Temperature	Tc	-10		+40	Deg. C
Storage Temperature	Tstg	-40		+75	Deg. C
Relative Humidity (non-condensing)	RH	5		95	%
Vibration/Shock	VI /SH		Normal Truck Transport		

MECHANICAL CHARACTERISTICS

Parameter	Symbol	Min	Typ	Max	Unit
Dimensions	Dim		9.5 x 7.0 x 3.1		inch
Weight	Wt.			10	kg
Connectors In/Out	RF Conn		2.92-K/WR28		-
Cooling	Th		Fan Cooling		-
Control interface	-		SUB-7W2		-

Just for Reference



Elite RF LLC

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Call us for customer service/technical support at: 847-592-6350
Email: sales@eliterf.com Web: www.eliterfllc.com

Rev2 01/21/2025:
Specifications subject to change,
consult sales for latest information