

20MHz to 6000MHz Family of Amplifiers



Elite RF's 20MHz to 6000MHz Power Amplifier Family is the newest addition to EliteRF's portfolio of RF amplifiers incorporating advanced, state-of-the-art, GaN on SiC technology. These amplifiers are biased class AB with gain ranging from 32dB to 48dB, works in CW or Pulsed mode, covering from 20MHz to 6000MHz. Available options of up to 200W of saturated power. These amplifiers can be used in narrowband and multi-decade bandwidth applications and are well suited for a variety of applications including EW, commercial and military radar, communications, industrial, scientific, medical, and laboratory use. Like all Elite RF amplifiers, they come with an industry leading warranty.

FEATURES

- Wide Frequency Range
- High Output Power
- High Gain
- High Reverse Isolation
- Built-in Protection
- Enable/Disable input (ground to disable)

INDICATOR OPTIONS

- DC Power
- Temperature Fault

OPTIONS

- (-H) Heatsink
- (-T) TTL Input Trigger
- (-D) Sub D



Scan for more products

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MB Series with Heat Sink

AB Series

MB Series



| Part Number | Freq Min. MHz | Freq Max. MHz | Psat watts | P1dB watts | Gain dB | Mode | Class A/AB | Voltage Vdc | Size Inches |
|-----------------|------------------|------------------|---------------|---------------|------------|------|---------------|----------------|-------------------|
| MB.026.0G333228 | 20 | 6000 | 2 | 1 | 32 | CW | AB | 28 | 6.0 x 4.0 x 1.0 |
| MB.026.0G363228 | 20 | 6000 | 4 | 2 | 32 | CW | AB | 28 | 7.5 x 4.0 x 1.0 |
| MB.026.0G404850 | 20 | 6000 | 10 | 5 | 48 | CW | AB | 50 | 7.5 x 4.0 x 1.0 |
| MB.026.0G434850 | 20 | 6000 | 20 | 10 | 48 | CW | AB | 50 | 6.0 x 4.0 x 1.0 |
| AB.026.0G3332AC | 20 | 6000 | 2 | 1 | 32 | CW | AB | 100-240 | 19.0 x 15.0 x 3.5 |
| AB.026.0G3632AC | 20 | 6000 | 4 | 2 | 32 | CW | AB | 100-240 | 19.0 x 15.0 x 3.5 |
| AB.026.0G4048AC | 20 | 6000 | 10 | 5 | 48 | CW | AB | 100-240 | 19.0 x 15.0 x 3.5 |
| AB.026.0G4348AC | 20 | 6000 | 20 | 10 | 48 | CW | AB | 100-240 | 19.0 x 15.0 x 3.5 |

ABOUT ELITE RF

Elite RF was founded in 2014 and was built on the legacy of Motorola, Inc., the telecommunications company based in Schaumburg, Illinois. Taking advantage of the company's exit from the communications market, Elite RF acquired the talent who built the Motorola brand that was synonymous with innovation, performance, and quality. Elite RF's designers have close to two hundred years of power amplifier design experience and are at the cutting edge of today's technology with an eye towards the future. Now you can put our experience to work for you.