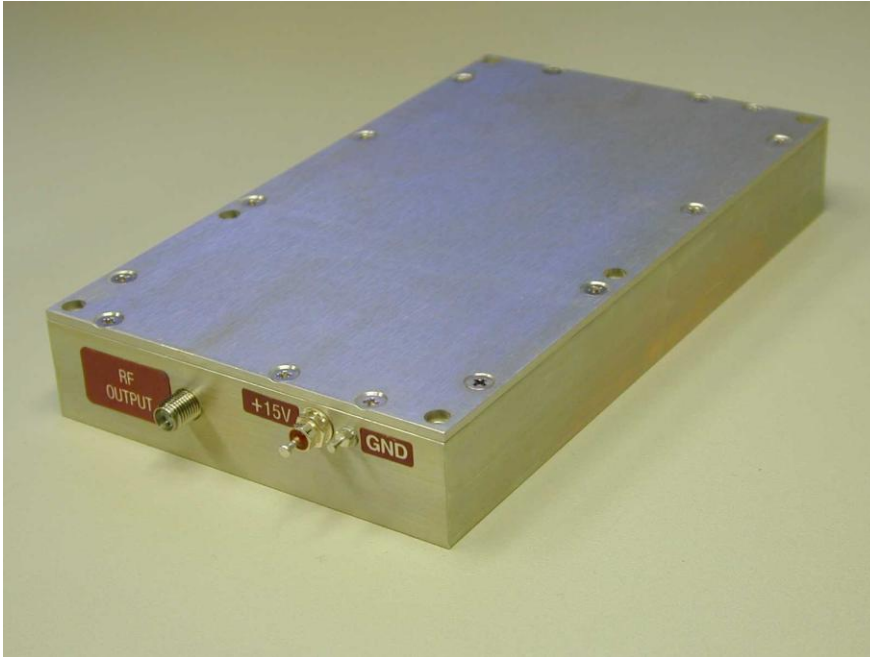


MITEQ INC. introduces a new addition to its family of broad-band high power amplifiers. AMF-3B-02001200-90-34P is a connectorized high power amplifier, covering multiple octaves of bandwidth from 2-12 GHz and delivering over 2.5W of power. The SMA connectorized Aluminum housing is 25 mm high, 163 mm long and 95 mm wide. It is intended for bolting to a flat cooling surface. A heatsink and a fan pack option also available. Housing is environmentally sealed, EMI shielded and hermetic sealing option is available. PA includes reverse voltage, over current and over temperature protection in addition to full internal regulation . A TTL control is pin optional.

Nominal small-signal gain is 35 dB while noise figure is 9 dB max at low end, but 5 dB for most of the band. Current draw is nominally 4.5A at P1dB from 12 to 15 VDC of supply.



2-12 GHz Power Amplifier



- 34 dBm P1 dB 2 to 12 GHz
- 35 dB Gain
- 5 dB NF
- 12-15V DC Supply
- 4.7A Max
- Current/temp/voltage protection
- 163 x 95 x 25 mm

AMF-3B-02001200-90-34P

