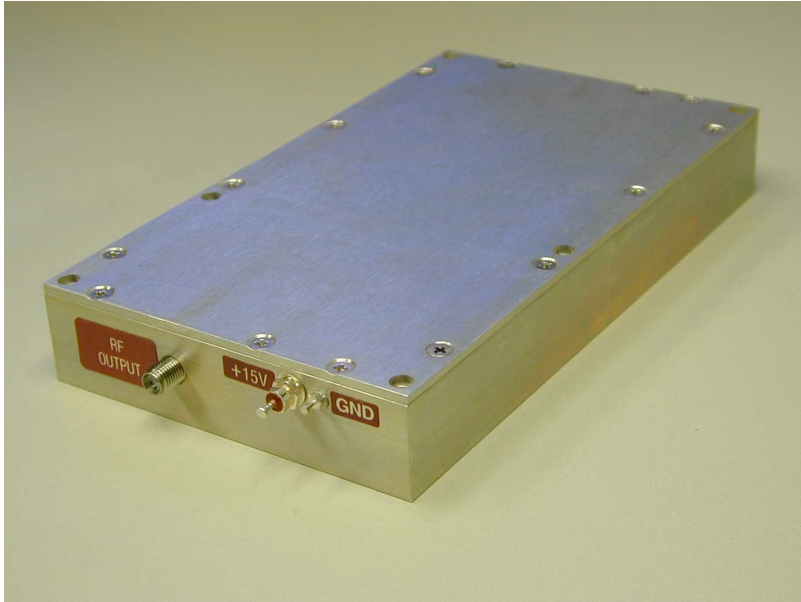


MITEQ INC. introduces a new addition to its family of broad-band high power amplifiers. AMF-3B-02001800-60-32P is a connectorized high power amplifier, covering multiple octaves of bandwidth from 2-18 GHz and delivering approximately 1.5W of power. The SMA connectorized Aluminum housing is 25 mm high, 163 mm long and 95 mm wide. It is intended for bolting to a flat cooling surface or fins. Housing is environmentally sealed, EMI shielded and hermetic sealing option is also 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 47 dB while noise figure is close to 10 dB at lower half of the band and close to 6 dB at the upper half of the band. Current draw is nominally 4A at P1dB from 12 to 15 VDC of supply.



2-18 GHz Power Amplifier



- 30 dBm 2 to 22 GHz
- 32 dBm 2.2 to 20 GHz
- 33 dBm 3 to 15 GHz
- 45 dB Gain
- 6-12 dB NF
- 12-15V DC Supply
- 4A Max
- Current/temp/voltage protection
- 163 x 95 x 25 mm

AMF-3B-02001800-60-32P

