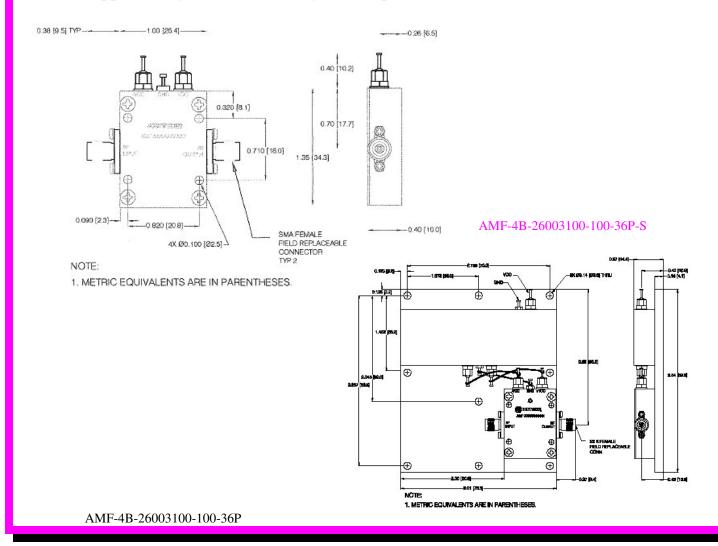
MITEQ INC. introduces a new addition to its family of broad-band high power amplifiers. AMF-4B-26003100-100-36P is a connectorized high power amplifer/module, covering 26-31 GHz and delivering approximately 4W of saturated power and 3W P1dB.

The connectorized Aluminum alloy housing is 10 mm high, 25 mm long and 34 mm wide. Connectors are female, K-type. It is intended for bolting to a flat cooling surface. Housing is environmentally sealed, EMI shielded and hermetic sealing option is also available.

Nominal small-signal gain is near 20 dB. Output IP3 is typically 38 dBm. Current draw is nominally 7A at P1dB from 6 to 6.5 VDC of supply. This module does not have any internal regulation and –5 VDC needs to be supplied externally. Operating temperature range is 0 °C to +50 °C base plate.

This PA can also be supplied as an assembly on a heatsink, with a single supply voltage and additional gain if required.





26-31 GHz 4W Power Amplifier



AMF-4B-26003100-100-36P

