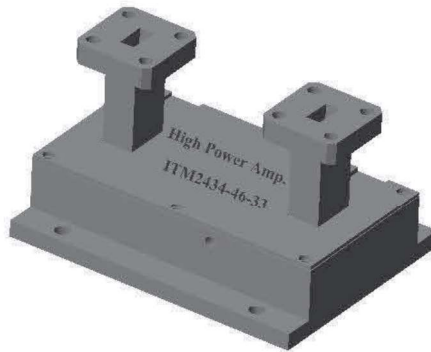


## mm-wave High Power Amplifier

S/N: ITM2434-46-33



Frequency Range	24-34 GHz
Gain (Small Signal)	46 dB
Output Power @ 1 dB compression	31.5 dBm
saturated output power (PSAT)	33 dBm
High output third-order intercept (IP3)	41 dBm
Power Added Efficiency, PAE	23 %
Input Return Loss	9 dB
Output Return Loss	10 dB
Input RF Connector	WR-28 Waveguide Input
Output RF Connector	WR-28 Waveguide Output
Dimensions(L*W*H)	72*53*20 mm
Cooling	Forced Air
Operating Temp. Range	-40 to +85°C