

## 1300~2600MHz 100W **Bidirectional Amplifier**

## Item # 70-230

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A bi-directional amplifier for use in 1300~2600MHz band. Designed with the latest available components, the unit delivers 100Watt output at very high efficiency. Works with all TDD radios that require high speed switching between Tx and Rx modes.

Due to the high RF power outputs these units are only offered for sale to Military, OEM, Licensed or overseas customers.

Specifications

**Operating Range** Operating Mode **TX Peak Power** Transmit Gain Transmit input Power **Receive Gain** Noise Figure LED indicators Power Consumption @ 48 V DC 1300 - 2600 MHz TDD, Time Division duplex, 50dBm, 100 Watt 12dB +/-2dB 5dBm min 40 dBm max 20dB +/-3dB, (15 dB optional) <3dB Red for Receive (Default mode) Green for Transmit 40mA @ Rx, Max 6A @ Tx (depending upon TX duty Cycle) -40 °C to + 65 °C 9.5"x5"x1" 48 V DC 6A

3.45lbs or 55.2oz

Power Power Level 10.00 dBm Power ON/off Level Atten-Auto Slope 50.00 1.200900 GHz 0.977 dB **dB** S12 10.00dB/ 0.00dB LogM 1.300000 GHz 4.470 dB 2. 2.601500 GHz 4.485 dB 3 40.00 1.906300 GHz 1.200900 GHz 3.436 dB 4 10.00dB/ 0.00dB LogM > 1 18 263 dB 1.300000 GHz 20.282 dB 30.00 2.601500 GHz 1.906300 GHz 3: 7 285 dB 1,156 dB 4: 20.00 4 A 10.00 0.00 -10.00 -20.00 -30.00 40.00 -50.00 Ch1: Start 500.000 MHz Stop 3.00000 GHz Status CH 1: \$12 C\* Response LCL

Dimensions DC Power:

**Operating Temp** 

Weight: