



A bi-directional amplifier for use in 1765~2250MHz band. Designed with the latest available components, the unit delivers 20Watt output at very high efficiency. Works with all TDD radios that require high speed switching between Tx and Rx modes.

Works well for all modulation schemes including OFDM.

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



Specifications

Operating Range	1765 - 2250 MHz
Operating Mode	TDD, Time Division Duplex,
Transmit Power	P1dB 43.8dBm, 24 Watt
Transmit Gain	12dB +/-2dB (22dB Optional)
Transmit Input Power	0dBm min 30 dBm max
Receive Gain	12dB +/-3dB, (20 dB optional)
Noise Figure	<3dB
LED indicators	Red for Receive (Default mode) Green for Transmit
Power Consumption @ 28 V DC	100mA @ Rx, Max 3A @ Tx (depending upon TX duty Cycle)
Operating Temp	-40 °C to + 65 °C
Dimensions	8.5"x4.8"x1" (Without Connectors)
DC Power:	28 V DC 3A via power over coax with DC injector or 3ft Flying lead with bare end.

