



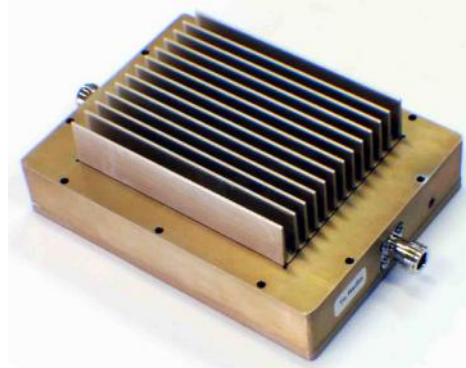
## 300~500MHz 20W Amplifier Item # 70350

A bi-directional amplifier for use in 300~500Mhz 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.

Packed in an outdoor housing with power over Coax for all weather installations.

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



### Specifications

Operating Range	300 - 500 MHz
Operating Mode	TDD, Time Division duplex,
Transmit Power	43dBm, 20 Watt
Transmit Gain	28 dB
Transmit input Power	0dBm min 15 dBm max
Receive Gain	15 dB
Noise Figure	<3dB
LED indicators	Red for Receive (Default mode) Green for Transmit
Power Consumption @ 12 V DC	130mA @ Rx, Max 3.4A @ Tx
Operating Temp	-40 °C to + 65 °C
DC Power:	12V DC via power over coax, using DC injector

