



2.4GHz 20Watt Amplifiers Item # 24620 Outdoor unit

A bi-directional amplifier that does not require a fan or huge heat sink. Designed with the latest available components, the unit delivers 20Watt output at very high efficiency... Works with all 2.4GHz radios, using both 802.11 b or g modes.

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.



Item # 24620

Specifications

Operating Range	2400 - 2500 MHz
Operating Mode	TDD, Time Division duplex,
Transmit Power	43dBm, 20 Watt
Transmit Gain	20 dB (26dB optional)
Transmit input Power	0dBm min 20 dBm max
Receive Gain	18 dB
Noise Figure	2.8 dB
LED indicators	Red for Receive (Default mode) Green for Transmit
Power Consumption @ 28 V DC	55mA Rx, 1.8A Tx
Operating Temp	-40 °C to + 65 °C

DC Power: 28 V DC via power over coax, using DC injector

Mechanical:

Amplifier

Dimension:	3.5" x 6.0" x 1.2" (45.7mm x 104.2mm x 25.4)
Enclosure:	Weatherproof, machined aluminum housing with Anodized finish
Connectors:	Type N female
Weight:	1 lb, 3.0 oz

DC Injector

Dimension:	1.4" x 3.5" x 1.0" (with Type N female connectors)
Enclosure:	Machined aluminum housing with Anodized finish
Connectors:	Type N female
Weight:	4.7 Oz.