

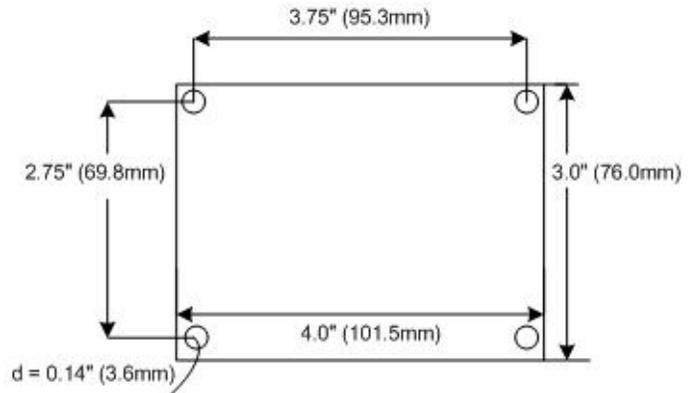


3.3~3.5GHz 10 Watt Amplifier OEM Module Item # 34105

Designed for OEM customers only. With peak power output of 20Watt, the unit can be used with OFDM radios at average power of 2 watts. Its a linear bi-directional amplifier for TDD type of radio equipment.

The unit comes installed on the metal plate with 4 mounting holes in the corners, as shown below.

It requires proper heat sinking which varies with Tx duty cycle.



Item # 34105 (OEM module outline)

Specifications

Electrical:

Operating Range	3300 - 3500 MHz
Operating Mode	TDD, Time Division duplex,
Peak Transmit Power	43 dBm, 20 Watts
Transmit Gain	15 dB
Transmit input Power	3dBm min 30 dBm max
Receive Gain	15 dB (20 dB optional)
Noise Figure	~2.5 dB
LED indicators	Red for Receive (Default mode) Green for Transmit
Power Consumption	2.0 amp for Tx and 150mA for Rx modes @ 28V DC
Operating Temp	-40 °C to + 70 °C
Dimension:	3.0" x 4.0" (not including SMA connectors)

Weight: 6.0 oz (with metal base plate) for OEM module

Options:

RF Connectors	SMA females
DC Power	via red & black wires