



TELETRONICS INTERNATIONAL

## Feature

Designed for extending the range of 2.4 GHz wireless radio devices, the SmartAmp is particularly effective when used with frequency Hopping Spread Spectrum radio modems. The unit provides transmit power amplification and receives signal gain.

Full output power of 8W is achieved with only 4mW input to the amplifier.

Substantial discounts available for OEMs and large volume purchases.

Contact sales office for details.

# SmartAmp 2.4 GHz Series 8W version (for FHSS)



## Specifications

Operating Range: 2400-2500 MHz  
Operating Mode: TDD  
Lightning Protection: Direct DC ground at antenna  
DC Surge Protection: 600 Watts TVS @ 12 VDC

## Mechanical & Environmental

Operating Temperature: -40 to +60 degree C  
Power: 3.3 A @ 12VDC  
Dimensions  
Amplifier: 7.5" L X 6" W X 3"H  
DC Injector: 3.5" L X 3" W X 1.18" H  
Weight  
Amplifier: 2.8 lb  
DC injector: 0.4 lb  
RF Connector: N, Female  
Smart Function: No

## Transmitter Amplifier

Transmit Gain: up to 33 dB  
Transmit input power: 2 mW min  
200 mW max  
Transmit output power: max of 8W

## Receiver Amplifier

Receive Gain: 10 dB typical  
Frequency Response: +/- 1 dB  
Noise Figure: 3.5 dB

Patents Pending

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