

TELETRONICS INTERNATIONAL

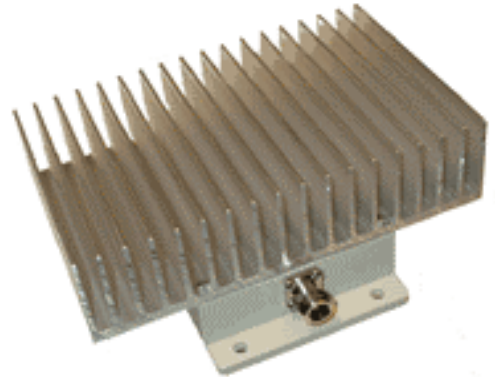
MMDS Amplifier 2.5–2.7 GHz Series 10W Version

Feature

Designed for extending the range of MMDS Band 2.5–2.7 GHz wireless radio devices, this Amplifier is particularly effective when used with Direct Sequence or Frequency Hopping Spread Spectrum radio modems. The unit provides transmit power amplification and receives signal gain.

Substantial discounts available for OEMs and large volume purchases.

Contact sales office for details.



Specifications

Operating Range: 2500-2700 MHz
Operating Mode: TDD
TX/RX Switching Time: $\leq 1 \mu\text{s}$

Mechanical & Environmental

Operating Temperature: -40 to + 60 degree C
Power: 4.7 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

Transmitter Amplifier

Transmit Gain: 10 dB
Transmit input RF power: 28-32 dBm
Transmit output RF power: 40 dBm ± 2 dB
Across the band

Receiver Amplifier

Receive Gain: 10 dB
Frequency Response: +/- 1
Noise Figure: ≤ 2.5 dB
IP3: > 32 dB

Patents Pending

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