

HyperAmp® HA905-DM series RF amplifiers are compatible with 900 MHz wireless LANs. The HA905-DM series amplifiers are designed to be compatible with high data rate radios utilizing Orthogonal Frequency-Division Multiplexing (OFDM) modulation in the 900 MHz band. Hyperlink's Active Power Control circuit automatically adjusts the amplifier's gain to provide a constant output power regardless of cable length, radio transmit power, temperature shifts or equipment aging.

The HyperAmp® HA905-DM series improves range by delivering full transmit power and receive gain directly at the antenna where it is most effective. This gain compensates for cable losses and actually increases the receive sensitivity of most wireless LAN radios. The unit can be configured to deliver the full transmit power with as little as 5 mW of input power, permitting cable runs of several hundred feet with no degradation in operating range.

Outdoor Model

The HA905-DM models feature rugged, machined aluminum weather-proof construction to ensure years of reliable operation in the harshest environments. Included with the outdoor models, the DC Power Injector provides power to the HyperAmp® through the antenna cable, simplifying installation. Current-sensing circuits provide remote amplifier diagnostic LEDs. In addition, this unit provides effective lightning protection with multi-strike capability.

Note:

This Hyperlink bi-directional amplifier is designed for burst half-duplex operation. It is not intended for constant transmit, CW or high duty cycle operation. Operation of the amplifier in CW or high duty cycle modes will damage the amplifier and void the warranty.

L-com Item #	HA905-DM
Manufacturer	L-com
RoHS Status	Not Compliant At This Time (More)

These amplifier products are available only for export, military, licensed amateur radio and OEM component sales and are not offered for general sale within the USA.