

## 2W Explosion Proof Antenna - C1D1 - 2.4 GHz - 3/4" NPT - ATEX/IECEX Rated EXP-ANT-R1-9MH-2W-0.75IN

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



### **EXP-ANT-R1-9MH-2W-0.75IN Explosion Proof Antenna**

**Listing:** NRTL Listed for United States, Canada and International

**Unit Type:** Omni-directional Antenna

**Dimensions:** 5.85" x 2.02"

**Weight:** 1.06 lb

**Voltage Rating:** -

**Watts:** 2W

**Frequency:** 2.4 GHz

**Impedance:** 50

**Gain:** 2 dBi

**Impact Rating:** 7 Joules

**Materials:** Nickel Plated Brass

**Mount:** Conduit or Pipe

**Connection:** TNC Connector (Reverse Polarity Female TNC)

**Hub:** 3/4" NPT

### **Ratings**

Class I, Division 1 Groups C,D

Class I, Zone 1

ATEX/IECEX Rated

AEx d IIB T5

Ex d IIB T5 -40C Ta +85C

Ex II2G Ex d IIB T5

### **Special Orders- Requirements**

Contact us for special requirements

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**The EXP-ANT-R1-9MH-2W-0.75IN from Larson Electronics is an Explosion Proof Antenna for Class I, Division 1 and ATEX/IECEX rated sites. Equipped with a 3/4" NPT hub and TNC connector, this omni-directional device operates on 2.4 GHz.**

The EXP-ANT-R1-9MH-2W-0.75IN is designed for signaling and communication in combustible locations. This 2-watt device operates on a 2.4 GHz frequency and with an impedance of 50. Equipped with an impact rating of 7 joules, the omni-directional antenna offers a 2 dBi gain. The base of the unit is made out of heavy-duty nickel plated brass. This explosion proof device contains one 3/4" NPT hub at the bottom of the unit, which facilitates mounting on conduit or pipes. The bottom of the hub is equipped with a TNC connector (reverse polarity female TNC). The antenna can be mounted up to 18" away from an enclosure without additional seal.

**Applications:** Hazardous locations, offshore locations, tank level monitoring, power plants, utility systems, wireless bridges, hazardous area computers and more.

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## Frequently Asked Questions (FAQ)









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