Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

EXP-ANT-R1-9MH-2W-0.75IN

2W Explosion Proof Antenna - C1D1 - 2.4 GHz - 3/4" NPT - ATEX/IECEx Rated

Product ID: 265058

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



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

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 - Special Requirements
Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

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.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map