

## Explosion Proof Antenna Fitting RAD-CON-MCX-RPSMA-EX 2885621

---

Data Sheet 2150

### Features

- Short Circuit Protection
- No Sealing Fitting Required for Easy Installation in Hazardous Area
- Corrosion Resistant Stainless Steel
- Environmental Protection for Internal Circuitry
- Flameproof and Intrinsically Safe in One Package
- Less than 1.5 dB Attenuation
- 3/4" NPT Connection



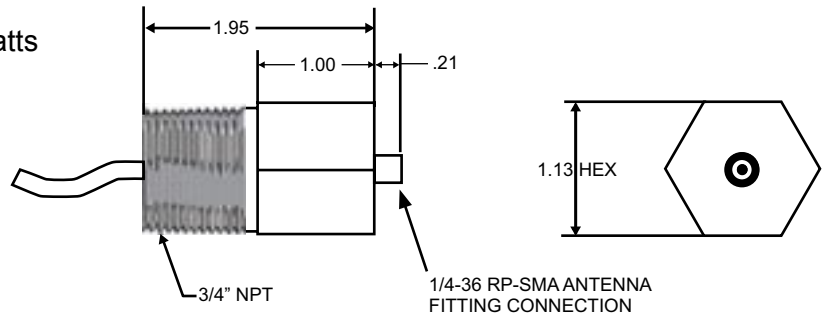
### Description

This fitting is designed to be used directly with any UL- or CSA-listed explosion-proof housing or fitting without the need of a seal fitting. It will allow any of Phoenix Contact's Wireless Products to be used in a Class 1 Div. 1 area with the antenna mounted outside the cabinet. The fitting simply limits the amount of energy to the antenna, thereby eliminating the possibility of an explosion. It features 3 feet of integrated cable with an MCX connector to connect to the radio inside the cabinet, then pass through the cabinet and attach to the antenna or additional cable with an RPSMA connector. The RAD-CON-MCX-RPSMA-EX is a cost effective solution to hazardous area radio equipment.

***Meets NEMA 7, Class I, II, and III Division 1 and 2 Groups A, B, C, D, E, F and G.  
No Lead Seal Required!***

### Specifications

- Maximum fault voltage RMS 250 volts
- Maximum radio power output 2.0 watts
- Frequency range up to 2.4 GHz
- 50 Ohm impedance
- 3/4" male NPT connection
- 300 series stainless housing
- RP-SMA Connector – nickel-plated brass
- 6000 PSI Hydro tested, no lead seal required



**Dimensional Drawing**