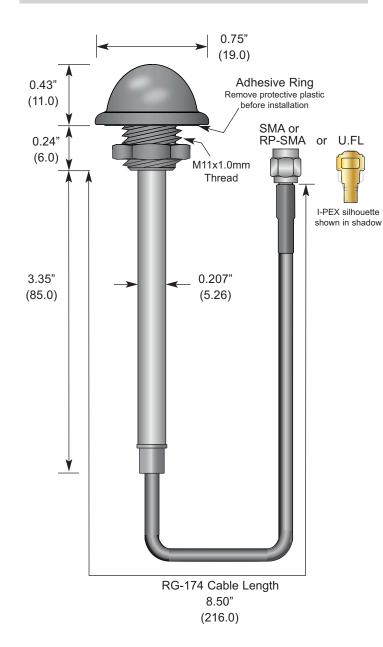


ANT-868-WRT-xxx DATA SHEET

Product Dimensions



Description

The WRT Series antenna is ideally suited for applications such as wireless vending, security, traffic, or power equipment which require an unobtrusive, tamper-resistant antenna solution. The tiny 19 x 11mm radome installs through a small hole on the product and is anchored by a threaded base. An adhesive foam compression ring is used to resist the elements. The 1/2-wave antenna also features an integral counterpoise, which eliminates the need for a proximity ground plane. The antenna's coax

feed is available with SMA, RP-SMA, or a U.FL / MHF compatible connector. U.FL and I-PEX MHF connector standards are compatible with each other. Alternate coax lengths, connectors and custom colors are available for volume OEM customers.

C Features

- Low cost
- Unobtrusive
- Tamper resistant
- Integral counterpoise
- Indoor / outdoor
- Adhesive or permanent mount

Electrical Specifications

• Center Freq.

Impedance

Connector

Cable

- Recommended Oper. Freq.
 - Wavelength VSWR
 - 1/2-wave <1.9 typ. at center 50 ohms RP-SMA, SMA or U.FL/MHF RG-174 RP-SMA & SMA
 - 1.32mm U.FL

868MHz

855-880MHz

Electrical specifications and plots measured on 24" x 24" reference ground plane

C Ordering Information

- ANT-868-WRT-RPS (with RP-SMA connector)
- ANT-868-WRT-SMA (with SMA connector)
- ANT-868-WRT-UFL (with U.FL/MHF compatible connector)

VSWR Graph

