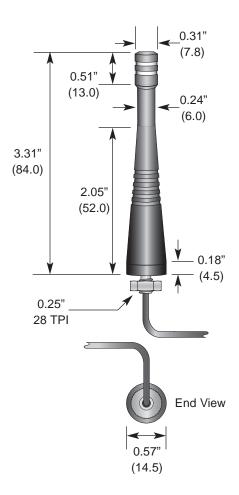
ANT-868-PW-QW DATA SHEET

Product Dimensions



Description



Designed for permanent attachment, PW Series 1/4-wave whips give outstanding performance in a rugged and cost-effective package. The antenna is attached by placing its base through a 1/4" hole in the product and securing it with a nut or by threading it into a PEM-style insert. This method of attachment is highly secure and saves the cost of an antenna connector. The antenna is fed through the base with RG-174 coax cable, which may be soldered directly to the board or attached using a 50-ohm connector. Standard cable length is 8.5". Custom lengths and terminations are available by special order.

Features

- Low cost
- · Outstanding performance
- · Omni-directional pattern
- Wide bandwidth
- Flexible main shaft
- · Rugged & weatherized
- Integral 8½-inch RG-174 coax cable
- Use with plastic* or metal enclosures
 - * Requires proximity ground plane

Electrical Specifications

Center Freq. 868MHzBandwidth 100MHzWavelength 1/4-wave

VSWR <1.9 typ. at center

Impedance 50 ohmsConnection Case-mount

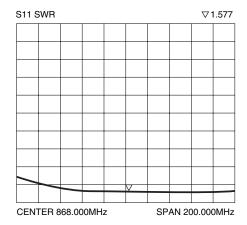
Cable 8½-inch RG-174 coax

Electrical specifications and plots measured on 4.00" x 4.00" reference ground plane

Ordering Information

ANT-868-PW-QW

VSWR Graph



Typical VSWR