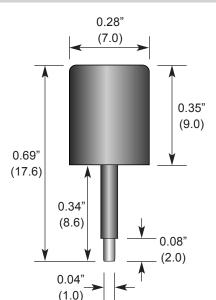
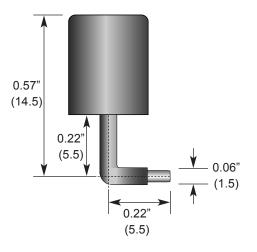


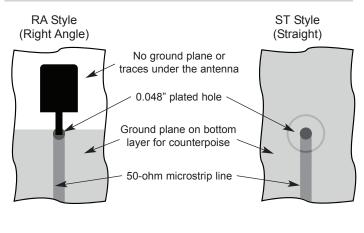
# ANT-868-JJB-xx DATA SHEET

#### Product Dimensions





## Recommended Mounting





#### **Description**

The JJB Series packs near the performance of a conventional monopole into an incredibly compact quarterinch (7mm) diameter package. These antennas are ideal for any OEM application requiring a compact, cosmetically attractive, low-cost antenna solution. The antenna features a through-hole feedline that can attach directly to a user's PCB. Internal or external mounting is possible. For assemblies requiring a JJB antenna capable of

withstanding reflow temperatures up to 260° C, see the JJB-HT Series.

#### Features

- · Very low cost
- · Ultra-compact package
- · Easily concealed internally
- · Good for internal or external mounting
- Excellent performance
- Omnidirectional pattern
- Use with plastic\* enclosures \* Requires proximity ground plane

### C Electrical Specifications

- Center Freq.
- · Recmd. Oper. Freq.
- Wavelength
- 855-880MHz 1/4-wave ≤2.0 typ. at center

868MHz

- VSWR <<
- ImpedanceConnection
- 50 ohms Direct solder
- ion Direct solde

RA electrical specifications and plots measured on a  $1.50^\circ$  x  $3.30^\circ$  ground plane ST electrical specifications and plots measured on a  $3.50^\circ$  x  $3.50^\circ$  ground plane

## Ordering Information

- · ANT-868-JJB-RA (Right Angle)
- ANT-868-JJB-ST (Straight)

#### **VSWR Graph**

