INSTALLATION INSTRUCTIONS
EMBKT-IDAS40004
TWIST MOUNT BRACKET
EM-B40004/EM-B40005 & EM-B42001/EM-B42002 Series

Congratulations on your selection of another quality antenna product from E/M Wave.
E/M Wave is committed to continually provide the greatest antenna VALUE for your wireless applications.

IMPORTANT – BEFORE YOU INSTALL: EMBKT-IDAS40004 Twist Mount Bracket is intended for direct attachment to any suitable interior ceiling, comprising hard surface, sheet rock/dry wall, wood or metal materials. The Twist Mount Bracket is intended to support installation of EM-B40004-NJ, EM-B40005-NJ, EM-B42001-NJ or EM-B42002-NJ IDAS antennas, and for installations where mounting accessibility is only achieved from one side (interior) of the surface. **Always consult and adhere to all local building and electrical codes before installing the Twist Mount Bracket and the associated ceiling mount antenna. Always adhere to manufacturer's recommendations and limitations when installing hardware and anchoring systems. E/M Wave, Inc. shall not be liable for damage or injury caused by installation process or failure to adhere to all manufacturer's recommendations for proper installation and use of their products.**

1. **Parts:** Verify all parts are included with the Twist Mount Bracket Kit as shown in Fig. 1.
   - A. (1 ea.) - Twist Mount Bracket
   - B. (3 ea.) - #8 x 3/4" Flat Head, Counter Sink Screws

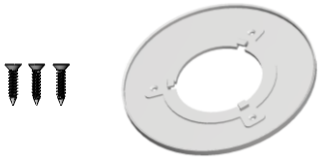

Fig. 1

2. **Pre-Installation:**
   You will need….
   - A. (1 ea.) Any of the antennas **(sold separately)** as listed: EM-B40004-NJ, EM-B40005-NJ, EM-B42001-NJ or EM-B42002-NJ.
   - B. (3 ea.) Anchors suitable for sheet rock, drywall or other hard surface material for the planned installation.
   - C. Screwdriver and Drill with 1" Hole Saw
   - D. **Note:** Antenna can be mounted to non-metallic or metallic (conductive) surfaces.

3. **Installation:**
   - A. Identify suitable interior ceiling mount location.
   - B. Route coaxial feed cable directly behind the installation location.
   - C. Attach the Twist Mount Bracket Template (Fig. 2) to the ceiling using a non-marking painters tape or similar attachment method. Mark the locations for the center of the Twist Mount Bracket and the (3 ea.) Mounting Holes.
   - D. Using a 1" dia. hole saw, drill a hole through the surface at the center of the Twist Mount Bracket location.
   - E. Attach the anchors to the hard surface at the marked Mounting Hole locations (3 ea.). **Follow all manufacturer's recommendations and limitations for the anchor system installation.**
   - F. Attach the Twist Mount Bracket to the mounting surface, securing all 3 screws through the bracket. Verify screws are flush to the bracket and secure. **Careful: Do not over-torque screws.**
   - G. Attach N Plug (Male) RF coaxial connector to the unterminated coaxial cable.
   - H. Attach the terminated feed cable with N Plug connector to the antenna N Jack connector. Secure the RF coupling with firm hand torque.
   - I. Insert the coupled feed cable through the cable entry hole. Align antenna back plate and gently press the antenna upward into the receiving tabs of the Twist Mount Bracket. Rotate the antenna mating slots counter-clockwise until alignment with the tabs is confirmed. Continue alignment and rotation until you hear the antenna click into final position. Verify all 3 tabs are securing the antenna.

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EMBKT-IDAS40004
TWIST MOUNT BRACKET

Designed in the USA
Components Manufactured in PROC

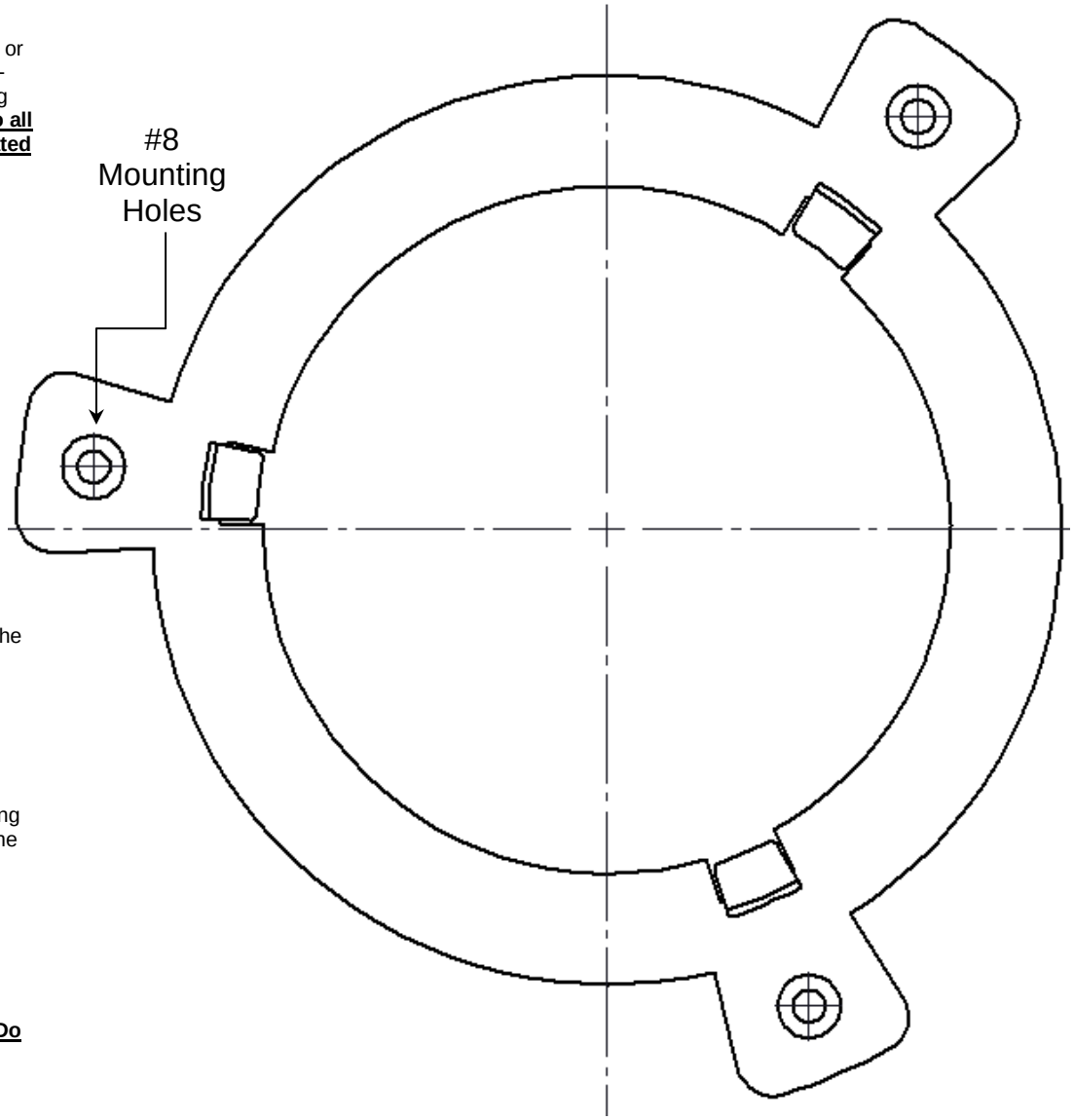

Fig. 2 TWIST MOUNT INSTALLATION TEMPLATE
1:1 Full Scale. Do Not Copy or Reprint
Important: Verify TWIST MOUNT BRACKET matches this printed template.