Installation Instructions



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Downtilt Mounting Kit

DB5098-WM

Andrew Institute offers installation training.

GENERAL INFORMATION

The DB5098-WM downtilt kit includes two angle indicator labels for use in setting the downtilt angle. This downtilt kit is designed to be used with the DB390 (014748-001) standard galvanized pipe mount kit. Required 3/8" hardware is provided with the DB5098-WM and DB390 mounting kits.

Fits round members 2.4" to 4.5" (60-115 mm) O.D. or angle members up to 2.5" (63.5 mm) on a side.



Figure 1. DB5098-WM Downtilt Bracket Assembly.

<u>NOTICE</u>

The installation, maintenance, or removal of an antenna requires qualified, experienced personnel. Andrew installation instructions are written for such installation personnel. Antenna systems should be inspected once a year by qualified personnel to verify proper installation, maintenance, and condition of equipment.

Andrew disclaims any liability or responsibility for the results of improper or unsafe installation practices.



Power lines, telephone lines,

and guy wires look the same

Assume any wire or line can

electrocute vou.



Do not install on a wet or windy day or when lightning or thunder is in the area. Do not use metal ladder.

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Wear shoes with rubber soles and heels. Wear protective clothing including a long-sleeved shirt and rubber aloves.

Installation Training Available at Andrew Institute

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Figure 2. Attaching DB5098-WM Downtilt Mount to the Pipe and the Antenna.

HOISTING ANTENNA UP A TOWER

- Pre-assemble as much of the mounting hardware as possible before lifting the antenna up to the top of the tower.
- Attach a rope to the top mounting bracket on the back of the antenna. Keep the antenna vertical when hoisting the antenna. For safety, an additional rope can be attached to the bottom antenna mounting bracket and used as a guide by someone else on the ground.
- Bring the antenna into position on the tower and secure it using the hardware provided.

To avoid twisting the antenna, ensure that all the mounting clamps are aligned with each other. Securely tighten all hardware.



Figure 3. Ensure Antenna is Fully Collapsed at 0° When Attaching the Antenna to the Tower.

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Figure 4. Adjusting the Downtilt Angle.

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