

095265-000 Revision L, May 2016

Wooden Pole/Wall Mount Clamp
DB365W & DB365-WS

GENERAL INFORMATION

The DB365W mounting clamp is used to mount omni style antennas or mounting pipes (1 1/4" to 3 1/2" O.D.) to a wooden pole or masonry wall. Two 5/8" (15.88 mm) diameter mounting holes will be needed in the mounting structure to accommodate the DB365W clamp. The diameter of the pole or the wall thickness must not exceed 10" (254 mm).

The DB365-WS kit is the same as the DB365W, but does not contain the long bolt (Item 6), or the nuts (Item 7) and washers (Item 8). The DB365-WS is to be mounted on the opposing side of a DB365W.

HOISTING PROCEDURE

Pre-assemble as much of the mounting hardware as possible to the antenna while on the ground. (Carefully, read the installation instructions before proceeding.) If hoisting the antenna to the top of the tower or structure, attach a rope to the mounting hardware at the bottom of the antenna and then make a slip knot loop of the rope at the top of the antenna. The slip knot loop will keep the antenna vertical when hoisting the antenna. For safety, an additional rope can be attached to the bottom of the antenna to be used as a guide by someone on the ground.

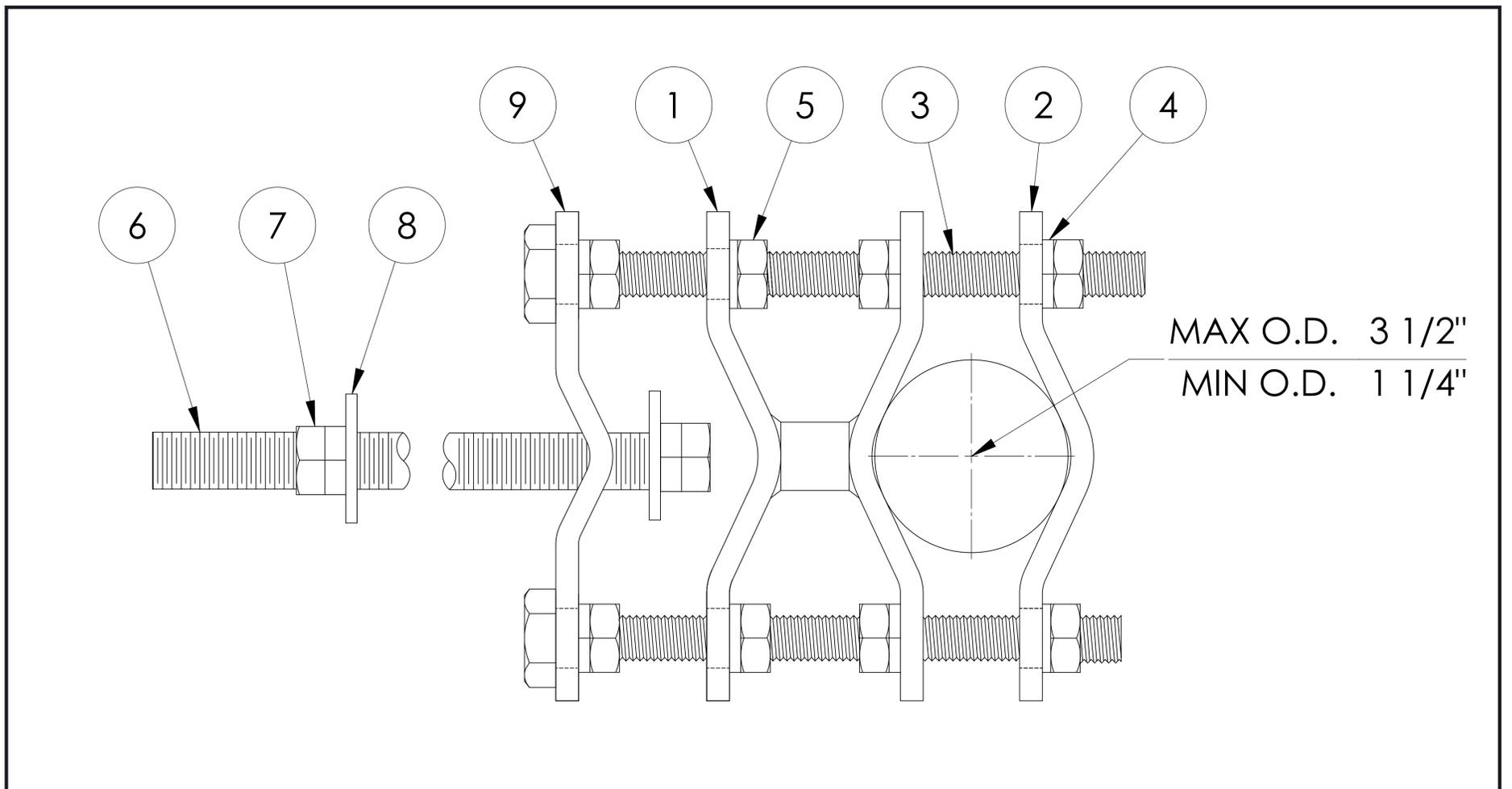


Figure 1. DB365W Mounting Clamp Parts.



Do not install near power lines. Power lines, telephone lines, and guy wires look the same. Assume any wire or line can electrocute you.



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



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

INSTALLATION INSTRUCTIONS

1. Determine the location where the clamps will be attached to the mounting structure. (Antennas are marked to show location to place mounting clamp.) Carefully drill two 5/8" (15.88mm) holes in the mounting structure (one for the upper clamp and another for the lower clamp).
2. Insert the threaded rod (Item 6) through the modified bracket (Item 9). Install the subassembly onto the pole or wall using the square nut and washer (Items 7 and 8).

Clamp the jaws on the omni antenna where specifically marked for a clamp location. The clamp will fit omni antennas measuring 1 1/4" (31.8 mm) min. to 3 1/2" (88.9 mm) O.D. max.

3. Assemble the remaining hardware for the mounting clamp as shown in Figure 1. For stability, the clamp (Item 1) should be installed as close to the modified bracket (Item 9) as the nut on the end of the threaded rod (Item 6) will allow.
4. The square nut (Item 7) on the threaded rod should be tightened to a torque of 55 ft-lbs. All hex nuts (Item 5) should be tightened to a torque of 45 ft-lbs.
5. Repeat steps 2 through 4 for additional clamps.

SAFETY NOTICE

The installation, maintenance, or removal of an antenna requires qualified, experienced personnel. CommScope 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.

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

It is recommended that transmit power be turned off when the field installation is performed. Follow all applicable safety precautions as shown on this page.