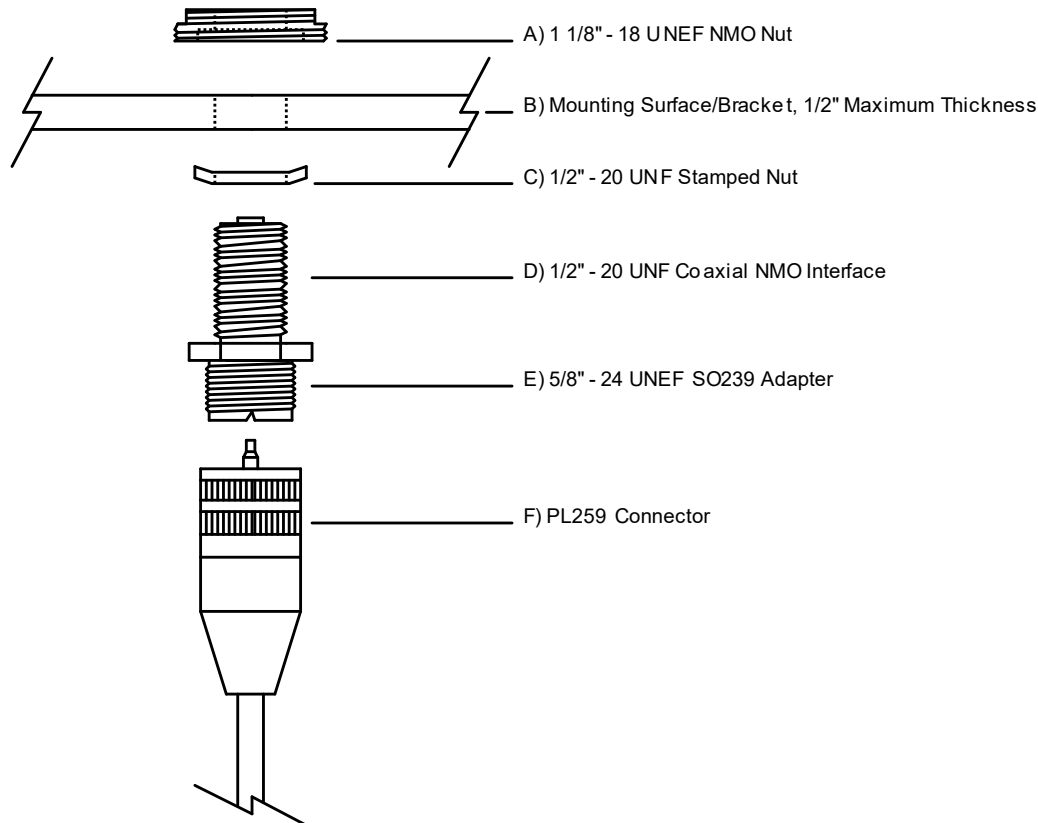


10/16/2022

## MXAT01 NMO Mount Assembly Diagram



1. The MXAT01 NMO mount is designed for mounting brackets or surfaces up to 1/2" thick.
2. The MXAT01 NMO mount is designed to be installed in a 1/2" hole, commonly used for 3/8" stud mount CB antennas.
3. Part C should be adjusted so the center conductor on the Part D NMO interface extends 9/32" to 5/16" beyond the mounting surface, or just above the top surface of Part A when installed.
4. Use the hex head on the Part D NMO interface to hold it in position while Part A is installed and tightened.
5. Part A is installed on top of the bracket or mounting surface with the wrench flats up and the O-ring down. The rubber O-ring on the bottom of part A acts as a seal to prevent water entering the mounting surface hole. Maximum torque: 32 lb-ft.
6. The hex head can also be used to hold the NMO interface in position while tightening the PL259 connector, Part F, by hand.
7. The center conductor of Part D should end up 1/32" to 1/16" proud of Part A to properly interface with the MXAT01 antenna. Tighten the antenna by hand, to just snug.