

APM60-OFFSET-FT Revision A, August 2025

Mounting Kits For Wide Panel Antennas

APM60-OFFSET-FT: Mounting systems for cylindrical pipe installations (60-115 mm pipe diameter) for heavy duty applications

This document explains how to install an antenna. Antennas with two mount points will use APM60-OFFSET-FT.

ITEM NO.	DESCRIPTION	QUANTITY
1	PIPECLAMP BRACKET	2
2	MOUNTING PLATE	2
8	M10 NUT	8
9	M10 FLAT WASHER	4
10	M10X40 SCREW	4
11	M12 NUT	12
12	M12 FLAT WASHER	4
13	CARRIAGE BOLT	4
16	M16 FLAT WASHER	4
17	ISOLATOR	4
18	PIPECLAMP BRACKET	2
20	M12 LOCK WASHER	4
21	BSAMNT-ADAPT1-AAS	2
22	SCREW CARRIAGE M8 X 20, CS GVRO COMBINED	8

Part Lists

REQUIRED TORQUE	
M8	16N.m (12ft.lbs)

Pre-assembly of Adapter to Antenna

REQUIRED TORQUE	
M12	58N.m (43ft.lbs)

Pre-assembly of Pipe Bracket by Field Installer
(APM60-OFFSET-FT QTY 2 EA)

REQUIRED TORQUE	
M10	40N.m (30ft.lbs)
M12	58N.m (43ft.lbs)

CRITICAL: The M10 fasteners set direction can be reversed per site condition and tools

Top & Bottom Mount Installation
APM60-OFFSET-FT

WARNING:
ALL M10 PIVOT SCREWS LOOSEN ONLY,
DO NOT REMOVE!

REQUIRED TORQUE	
M10	40N.m (30ft.lbs)
M12	58N.m (43ft.lbs)

Antenna Tilt - 2 POINT MOUNT
APM60-OFFSET-FT

Remote Electrical
Tilt Connection



The AISG connector fitted to the antenna is designed to accept any AISG compliant cable assembly, commscope recommends hand tightening AISG mating connector only. Applied torque to the connector shall not exceed 1.5N*m.

RF Cable Connection



The female RF connectors fitted to the antenna are designed to fit jumper cables with standard related male RF connector. Tighten the RF connector coupling according to torque specification in antenna label, if the RF connectors are tightened beyond the recommend torque, the RF connection to the antenna may be damaged.

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.



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.