



MKS09T04
EXTENDED SCISSOR LARGE ANTENNA POLE MOUNT
(A copy of these instructions to be included in each mounting kit box at manufacturer)

Note: Tighten 1/2" hardware to 37 ft lbs (50 Nm) torque except as noted below.

1. Attach the studs 10 to wide mounting brackets 7 using the provided 1/2" Nuts, and Lock Washers.

Position the studs such that no more than 5/8" protrudes above the mounting bracket.

2. Attach the studs/bracket assemblies created in step 1 above to the outer mounting brackets of the antenna using the provided 1/2" Hex Head Cap Screws, Washers, Lock Washers, and Nuts.

3. Raise antenna to pipe. Attach the short brackets 8 to the mounting studs 10 in each assembly using 1/2" Lock Washers and Nuts.

Tighten the 1/2" nuts attaching the short brackets at the mounting studs to 28 ft lbs (38 Nm) torque. Do NOT overtighten. Excessive torque loading will distort the pipe grip components.

4. Make all electrical connections and weatherproof with selfamalgamating tape.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	37210012	WASHER - GALV 1/2	12
2	39800613	WASHER - LOCK GALV 1/2	32
3	H04426	DOWN TILT, ANGLE BRACKET	6
4	H04425	BRACKET, LONG DOWNTILT	1
5	H04424	BRACKET, SHORT DOWNTILT	1
6	H04423	INDEXED SCISSOR BRACKET	1
7	H04422	PIPE GRIP WITH ELEVATION	3
8	H04421	PIPE GRIP, REAR	3
9	37310012	NUT-HHCS GALV 1/2	32
10	37410011	1/2-13 X 11 STUD, GALV.	6
11	37110112	BOLT 1/2-13 x 1-1/2in GALV	6
12	8500-352	SCREW, 1/2-13 X 1IN HHCS	14
13	660-017-1-003	SCREW, 1/4-20 X .75, HHCS (HEX)	2
14	660-017-1-004	NUT, 1/4-20, HEX NUT	2
15	660-017-1-002	WASHER, 1/4, (.385 x .680 x .094) SPLIT LOCK WASHER	2
16	H04480	MID SCISSOR BRACKET	1

TILT INDICATOR CHART	
A	0°
B	2.0°
C	2.5°
D	3.0°
E	3.5°
F	4.5°
G	5.5°
H	6.5°
I	7.5°
J	8.0°
K	9.0°
L	10.0°
M	11.0°

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
ANGULAR: ±1 0 PLACE: ±0.5
1 PLACE: ±0.25 2 PLACE: ±0.15
INTERPRET DIM AND TOL PER
ASME Y14.5-2009

THIRD ANGLE PROJECTION

DO NOT SCALE
DRAWING

TITLE BLOCK IN ACCORDANCE WITH ASME Y14.1M-2012

NAME	DATE
DRAWN BY: bworley	9/16/2016
CHECKED BY:	
ENG APPR:	



1300 CAPITAL DRIVE
ROCKFORD, IL 61109
(815) 399-0001
www.amphenol-antennas.com

TITLE:
**MOUNTING KIT, WIDE EXTENDED SCISSOR,
3 POINT, LARGE ANTENNAS**

SIZE: C	DESIGNED USING: SOLIDWORKS	DWG. NO.: MKS09T04	REV: 1
SCALE: NONE	WEIGHT (Kg): 43.74	SHEET: 1 OF 1	