


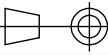
Instructions:

1. Attach the antenna to the **interface brackets** (8) using the provided antenna mounting channel runners. **Distance between the brackets should be 7.07in/197.6mm**, wide chassis shown. Narrow chassis installations will have the tabs facing inward.
Adjust the brackets to ensure that they are perpendicular to the antenna.
2. Assemble the **interface brackets** (8) to **scissor bracket** (7) on top half with 3/8" locking hardware. Then attach the **pipe grip with mounting tabs** (2) to scissor bracket assembly as shown.
Attach the other **pipe grip with mounting tabs** (2) to bottom **interface brackets** (14) with 3/8" locking hardware.
3. Assemble **rear pipe grip** (13) with one bolt to front **pipe grip with mounting tabs** (2).
Raise antenna to pipe. Install second bolt in pipe grip assembly and tighten to pipe.
Tighten pipe grip hardware to 15Nm (11ft lbs.)
4. Position the antenna in desired downtilt position. Letters on scissor bracket indicate one degree increments of mechanical down tilt A= 0 degrees. After positioning find the holes in the two scissor brackets that align and install the 1/4" locking hardware on both sides.
Tighten all 1/4" hardware to 4.2Nm (37in-lbs.) 
Tighten the 3/8" hardware to 20Nm (15 ft-lbs.)
5. Make all electrical connections and weatherproof with self-amalgamating tape.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
2	251-445-9-006	PIPE GRIP WITH ELEV.	2
3	251-445-9-010	INDEXED SCISSOR BRACKET	1
4	730-308-1-601	3/8 LW HDG	12
5	684-222-1-623	3/8-16 HEX NUT HDG	12
6	665-016-1-602	Screw, 3/8-16 x 1.00, HHCS (Hex),	8
7	251-445-9-012	BRACKET, LONG DOWNTILT	1
8	251-445-9-013	INTERFACE BRACKET, WIDE	4
9	H03601	BOLT, 3/8-16 X 9in HHCS HDG	4
10	660-017-1-002	WASHER, 1/4, (.385 x .680 x .094) SPLIT LOCK WASHER	2
11	660-017-1-003	SCREW, 1/4-20 X .75, HHCS (HEX)	2
12	660-017-1-004	NUT, 1/4-20, HEX NUT	2
13	251-445-9-029	PIPE GRIP, REAR	2

REVISIONS				
REV.	DESCRIPTION	ECR	BY	DATE
C	REPLACE 665-112-1-012 WITH H03601	336	BJW	10/16/2015
D	1/4" HARDWARE SPEC WAS 11Nm	2015	TLIP	9/23/2022



THIRD ANGLE PROJECTION		NAME		DATE		AMPHENOL ANTENNA SOLUTIONS 1123 Industrial Drive SW Conover, NORTH CAROLINA 28613 WWW.AMPHENOL-ANTENNAS.COM (828) 324-6971					
<div>CAD</div> <div></div>		DRAWN	bworley	10/16/2015							
		ENG APPR.									
		MFG APPR.									
DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE ANGULAR: ±1 NO PLACE ±1 ONE PLACE ±0.5 TWO PLACE ±0.2		Q.A. APPR.				TITLE:					
		PROPRIETARY AND CONFIDENTIAL				Wide Short Scissor Mounting Kit Instructions					
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.1-2003		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMPHENOL ANTENNA SOLUTIONS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AMPHENOL ANTENNA SOLUTIONS IS PROHIBITED.				SIZE		DWG. NO.		REV	
MATERIAL						B		MKS04T03		D	
FINISH											
DO NOT SCALE DRAWING						SCALE: NTS		SHEET 1 OF 1			