

36210006
(INSTRUCTION SHEET: I-10058)

INDEXED BRACKET
Downtilt Mounting Bracket Installation
Instructions:

1.Attach the antenna to the **interface brackets** using 1/2" locking hardware. A stainless steel washer P.N. 39210012 must be placed between interface bracket 13 and antenna Z-Bracket at each connection site. Adjust the brackets to ensure that they are perpendicular to the antenna

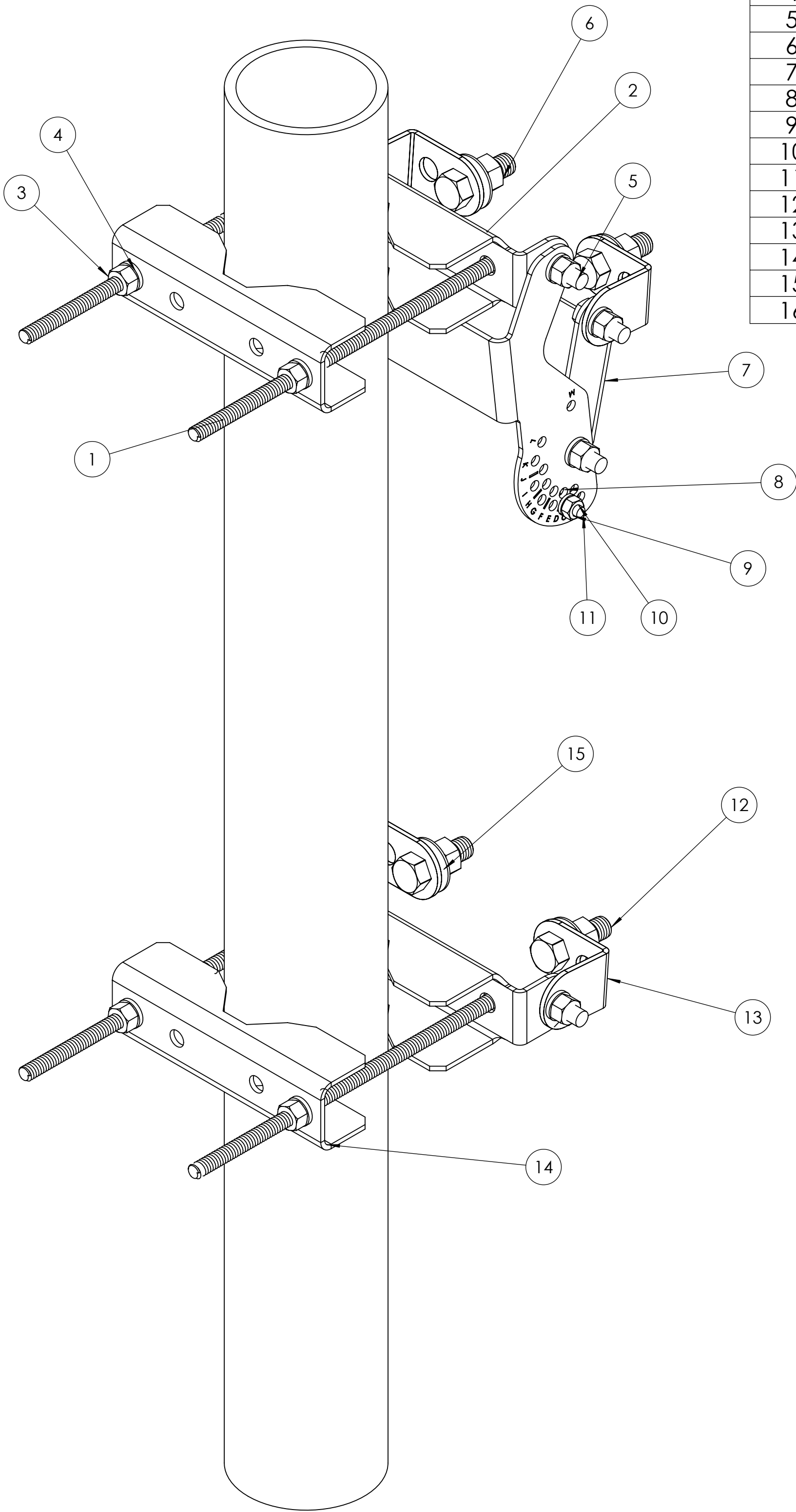
2. Assemble the **interface brackets** 13 to **scissor brakcets** 7 & 9 on top half with 3/8" locking hardware. Then attach the **pipe grip with mounting tabs** 2 to scissor brackets assembly as shown. Attach the other **pipe grip with mounting tabs** 2 to bottom **interface brackets** 13 with 3/8" locking hardware.

3. Assemble **rear pipe grip** 14 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 brackets 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 15Nm (11ft lbs.)
Tighten all 3/8" hardware to 20Nm (15ft lbs.)
Tighten all 1/2" hardware to 50Nm (37ft lbs.)



5. Make all electrical connections and weatherproof with self-amalgamating tape.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	H03601	SCREW, 3/8-16 X 9.00in HHCS HDG	4
2	251-445-9-006	PIPE GRIP WITH ELEV.	2
3	39320032	HEX NUT- GALV 3/8-16in	12
4	8202-030	Lock Washer 3/8in Galv	12
5	665-016-1-602	Screw, 3/8-16 x 1.00, HHCS	8
6	37310012	NUT-HHCS GALV 1/2	4
7	251-445-9-011	BRACKET, SHORT DOWNTILT	1
8	39140115	LOCK WASHER, GALV 1/4in	2
9	251-445-9-010	INDEXED SCISSOR BRACKET	1
10	660-017-1-004	NUT, 1/4-20, HEX NUT	2
11	660-017-1-003	SCREW, 1/4-20 X .75, HHCS (HEX)	2
12	37110112	BOLT 1/2-13 x 1-1/2in GALV	4
13	26904100	DOWN TILT, ANGLE BRACKET	4
14	251-445-9-029	PIPE GRIP, REAR	2
15	39800613	WASHER - LOCK GALV 1/2	4
16	39210012	WASHER - FLAT SS 1/2	4

INDICATOR	TILT DEGREE
A	0.0°
B	2.1°
C	4.2°
D	6.2°
E	8.4°
F	10.5°
G	12.5°
H	14.8°
I	16.8°
J	19.0°
K	21.1°
L	23.2°
M	25.4°

REVISIONS					MATERIAL:	FINISH:	TITLE BLOCK IN ACCORDANCE WITH ASME Y14.1M-2012	SIZE	DESIGNED USING	DWG. NO.	REV
ECR	REV.	DESCRIPTION	DATE	APPROVED							
336	C	ADD H03601	10/7/2015	BJW				D	SOLIDWORKS	36210006	D
944	D	ADD TILT INDICATOR CHART	5/24/2017	BJW							

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS ANGULAR: ±1° 0 PLACE: ±0.5 1 PLACE: ±0.25 2 PLACE: ±0.15 INTERPRET DIME AND TOL PER ASME Y14.5-2009		NAME	DATE	 <div>Amphenol ANTENNA SOLUTIONS</div>	1300 CAPITAL DRIVE ROCKFORD, IL 61109 (815) 399-0001 www.amphenol-antennas.com		
DRAWN BY	bworley	11/10/2015	CHECKED BY				
THIRD ANGLE PROJECTION			ENG APPR.				
							
DO NOT SCALE DRAWING		PROPRIETARY AND CONFIDENTIAL 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.		TITLE: INDEXED BRACKET, DOUBLE MOUNT			
MATERIAL:				SIZE	DESIGNED USING	DWG. NO.	REV
FINISH:				D	SOLIDWORKS	36210006	D
TITLE BLOCK IN ACCORDANCE WITH ASME Y14.1M-2012				SCALE: NONE		WEIGHT (Kg): 10749.56	SHEET 1 OF 1