

VIEWS OF THE TWO DIFFERENT ANTENNA CONFIGURATIONS
 NOTE: CONNECTORS ON ANTENNAS ALWAYS FACE DOWN!

REVISIONS				
REVISED BY	REV.	DESCRIPTION	DATE	APPROVED
Ron W.	C	ECN-58, CHG MTG HARDWARE BACK TO ENGLISH	11/04/13	JCC
RAW.	D	ECN-297:ADD VIEW OF CUUX022X03F000	07/30/15	-

MKS09P01
 2 Point Mounting Instructions

(A copy of these instructions to be included in each mounting kit box at manufacturer)

1. **For antenna configuration shown on left with DIN connectors in end plate:** Attach the antenna to the interface brackets (7) using the provided channel runners at the labeled antenna mounting points (see Detail "X"). Top and bottom attachment points on the antenna must be 39.38in (1.0M) apart, approx. equal distance from top and bottom of the antenna.

1A. **For antenna configuration shown on right with DIN connectors in angled surface of chassis:** Attach the antenna to the interface brackets (7) using the provided channel runners at the labeled antenna mounting points (see Detail "X"). Attachment points should be approximately equidistant from ends of antenna.

NOTE: CONNECTORS ALWAYS FACE DOWN!

2. Assemble the front pipe grips (2), to the interface brackets (7) using 3/8in locking hardware.

3. Assemble rear pipe grips (1) with one 7in bolt (3) to the front pipe grips (2) Raise antenna to pipe. Insert second 7in bolt through front pipe grips (2) and tighten to pipe.

Tighten the 7in bolts to 11ft lbs (15Nm). Do NOT Overtighten. Excessive torque loading will distort the pipe grip components.

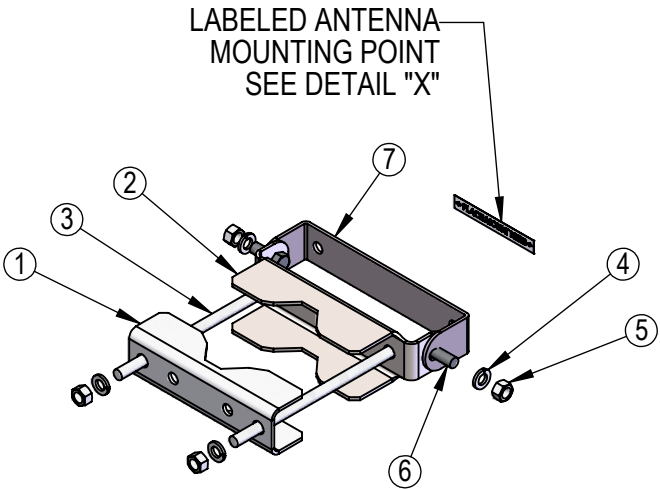
4. Tighten the 3/8in hardware to 15 ft-lbs (20Nm).

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

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	251-445-9-029	PIPE GRIP, REAR	2
2	251-445-9-006	PIPE GRIP WITH ELEVATION	2
3	665-112-1-612	3/8-16 x 7.0 HHCS HDG	4
4	730-308-1-601	3/8 LW HDG	8
5	684-222-1-623	3/8-16 HEX NUT HDG	8
6	665-016-1-602	Screw, 3/8-16 x 1.00, HHCS	4
7	22191508	HTCXWW Bracket Adaptor	2

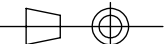
PLACE MOUNT HERE

DETAIL "X"
 LABELS ARE PRE-INSTALLED
 ON ANTENNAS AT FACTORY



BRACKET MOUNT DETAIL



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		agutierrez		11/13/2012		TITLE: 2-POINT SPACING MOUNTING KIT					
<div>DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE</div> <div>ANGULAR: ±1</div> <div>ONE PLACE ±0.1</div> <div>TWO PLACE ±0.05</div> <div>THREE PLACE ±0.010</div>		CHECKED											
		ENG APPR.											
		MFG APPR.											
		Q.A.											
<div>INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.41-2003</div>		<div>PROPRIETARY AND CONFIDENTIAL</div> <div>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.</div>						SIZE		DWG. NO.		REV	
<div>MATERIAL SEE NOTE</div> <div>FINISH SEE NOTE</div>								B		MKS09P01		D	
DO NOT SCALE DRAWING								SCALE: NTS				SHEET 1 OF 1	