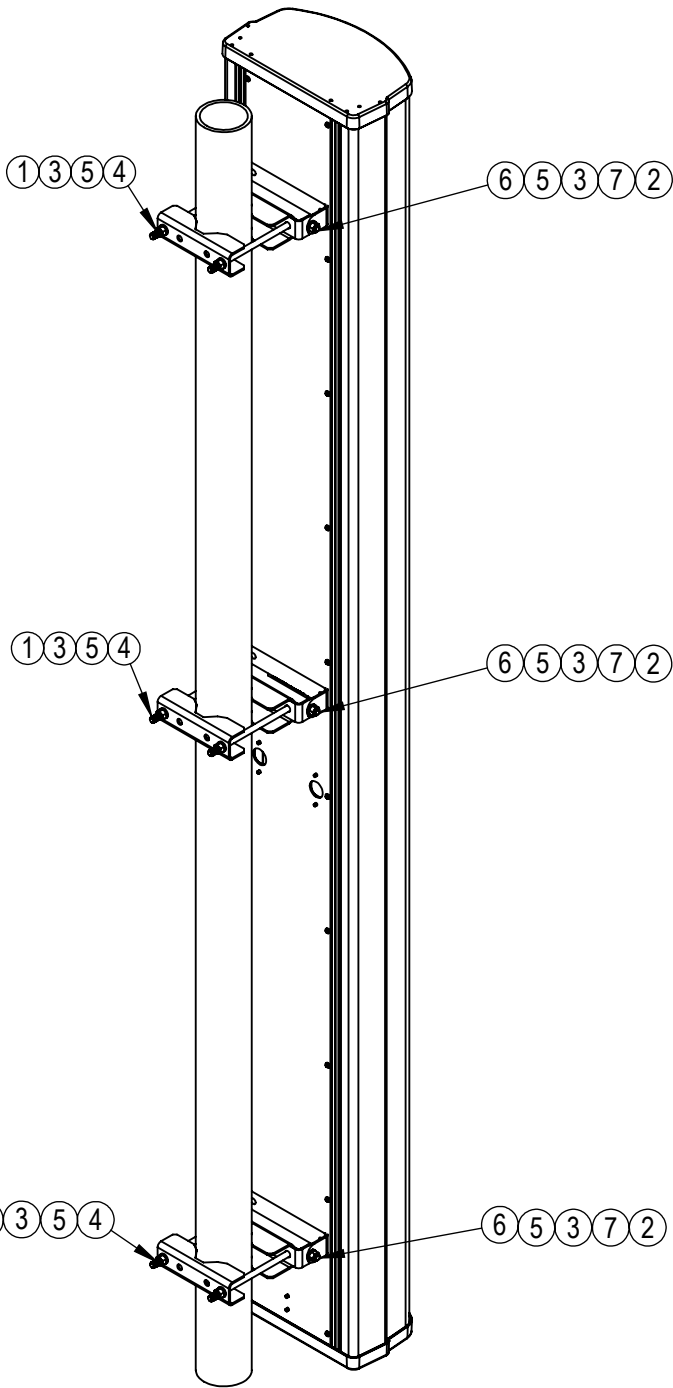


D
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- MKS09P02**
3 Point Mounting Instructions
(A copy of these instructions to be included in each mounting kit box at manufacturer)
1. Attach the **antenna(example shown)** to the **interface brackets (7)** using the provided channel runners at the **labeled antenna mounting points** (see Detail "X"). Top and bottom attachment points on the antenna must be 2.0M (78.75in) apart. Locate the middle brackets to ensure that they do not interfere with RF connectors.
2. Assemble the **front pipe grips (2)**, to the **interface brackets (7)** using M10 locking hardware.
3. Assemble **rear pipe grips (1)** with one 180mm **bolt (4)** to the **front pipe grips (2)** Raise antenna to pipe. Insert second 180mm bolt through **front pipe grips (2)** and tighten to pipe.
Tighten the 180mm bolts to 15Nm (11ft lbs.) Do NOT Overtighten. Excessive torque loading will distort the pipe grip components.
4. **Tighten the M10 hardware to 20Nm (15 ft-lbs).**
5. Make all electrical connections and weatherproof with self-amalgamating tape.



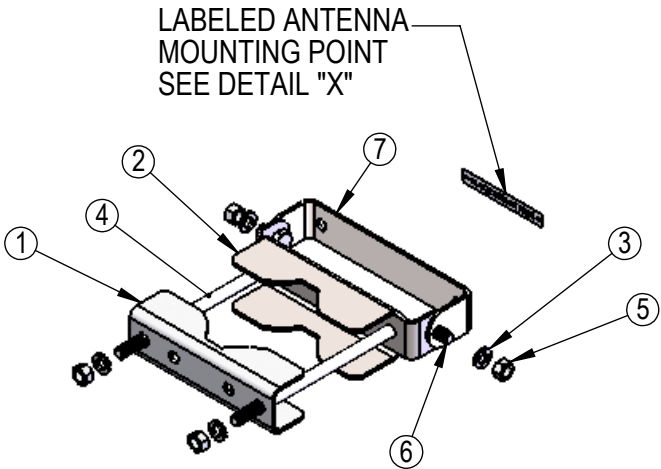
ISOMETRIC VIEW

REVISIONS				
REVISED BY	REV.	DESCRIPTION	DATE	APPROVED
Ron W.	B	ECN-11, CHG MOUNTING HARDWARE TO METRIC	08/28/13	JCC

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	251-445-9-029	PIPE GRIP, REAR	3
2	251-445-9-006	PIPE GRIP WITH ELEVATION	3
3	H02240	WASHER M10	12
4	H02233	SCREW,HHCS HDG, M10 X 180	6
5	H02241	NUT FULL, M10 HEX	12
6	H02239	Screw, M10 X 20, HHCS (Hex)	6
7	22191508	BRACKET ADAPTOR	3

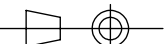
← **PLACE MOUNT HERE** →

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



BRACKET MOUNT DETAIL



THIRD ANGLE PROJECTION		NAME		DATE		AMPHENOL SOLUTIONS			
CAD 		DRAWN		agutierrez		11/13/2012		1123 Industrial Drive SW Conover, NORTH CAROLINA 28613 WWW.AMPHENOL-ANTENNAS.COM (828) 324-6971	
DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE ANGULAR: ±1 ONE PLACE ±0.1 TWO PLACE ±0.05 THREE PLACE ±0.010		CHECKED						TITLE: 3-POINT SPACING MOUNTING KIT	
		ENG APPR.							
		MFG APPR.							
		Q.A.							
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.41-2003		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.							
MATERIAL SEE NOTE		SIZE		DWG. NO.		REV			
FINISH SEE NOTE		B		MKS09P02		B			
DO NOT SCALE DRAWING		SCALE: NTS				SHEET 1 OF 1			

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DATE: 11/5/2013