

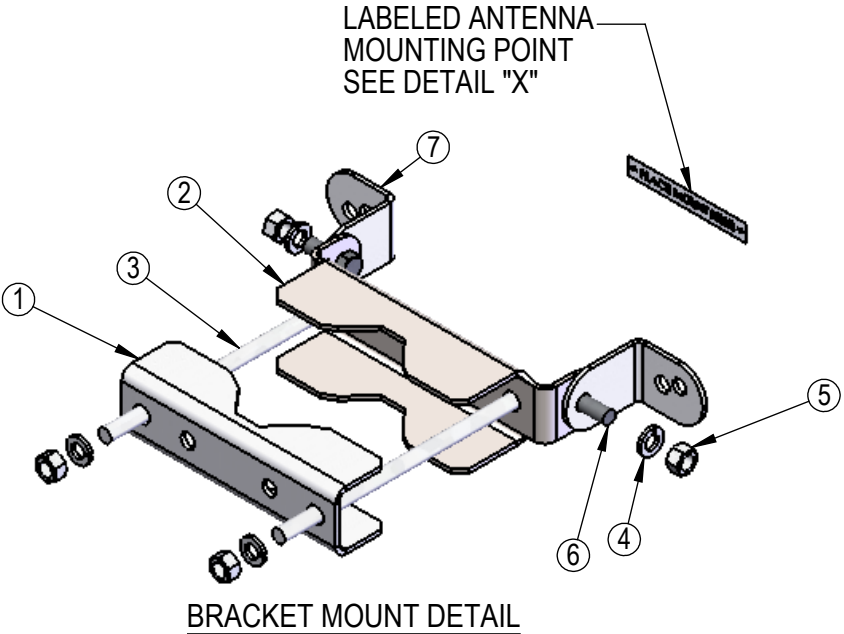
MKS09P03
3 Point Mounting Instructions
(A copy of these instructions to be included in each mounting kit box at manufacturer)



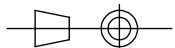
1. Attach the **antenna(example shown)** to the **interface brackets (7)** using the provided channel runners at the **labeled antenna mounting points** (see Detail "X"). Top and bottom attachment points on the antenna must be 78.75in (2.0M) apart. Locate the middle brackets to ensure that they do not interfere with RF connectors.
2. Assemble the **front pipe grips (2)**, to the **interface brackets (7)** using 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	3
2	251-445-9-006	PIPE GRIP WITH ELEVATION	3
3	665-112-1-612	3/8-16 x 7.0 HHCS HDG	6
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), GRADE 307A, Hot Dip Galvanized, Fastenal 91854	6
7	251-445-9-013	INTERFACE BRACKET, WIDE	6

⇐ **PLACE MOUNT HERE** ⇒

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



	THIRD ANGLE PROJECTION		NAME	DATE	AMPHENOL ANTENNA SOLUTIONS 1123 Industrial Drive SW Conover, NORTH CAROLINA 28613 WWW.AMPHENOL-ANTENNAS.COM (828) 324-6971			
			DRAWN	Ron W.				11/14/2013
	DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE ANGULAR: ±1 ONE PLACE ±0.1 TWO PLACE ±0.05 THREE PLACE ±0.010		CHECKED					
			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.			SIZE	DWG. NO.	REV
	MATERIAL SEE NOTE	B				MKS09P03	-	
FINISH SEE NOTE	SCALE: NTS					SHEET 1 OF 1		
DO NOT SCALE DRAWING								

DATE:
11/14/2013