

Instruction Sheet

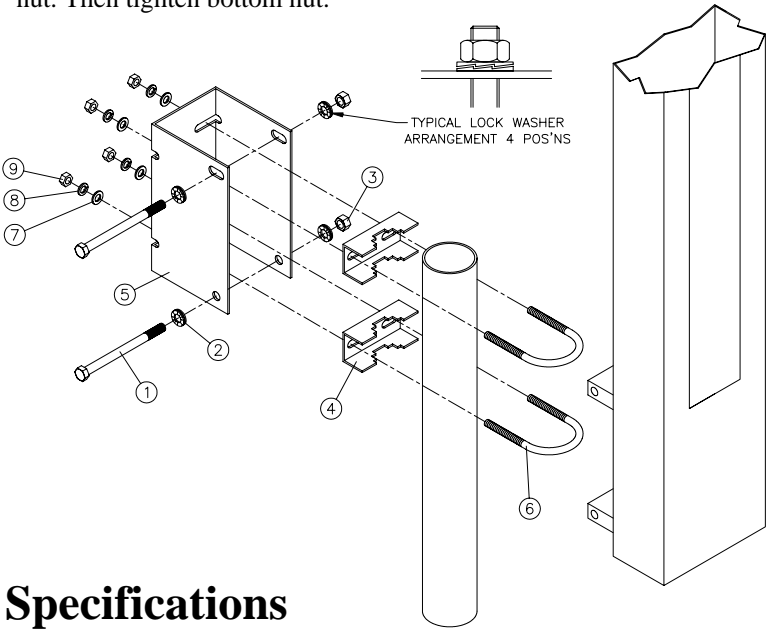
SAH9 900MHz HPOL Sector

We recommend the following assembly sequence:

Step 1: Attach the large painted U Bracket to the pole using supplied U Bolts, Saddle Clamps, flat washers, locking washers and nuts. Position on pole and torque to at least 70 in lbs.

Step 2: Position Antenna body horizontally and attach the bottom bolt with lockwashers and finger tighten nut.

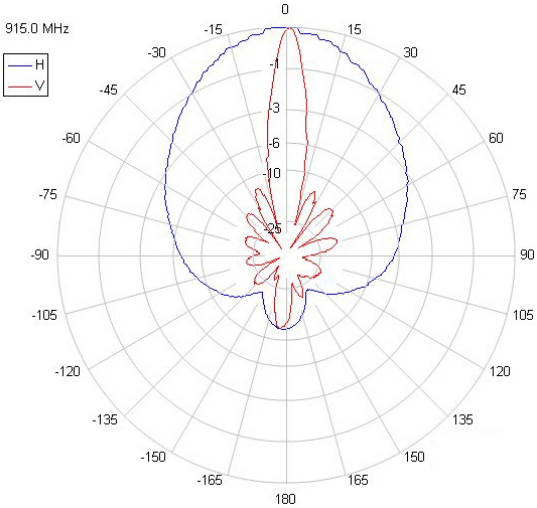
Step 3: Swing antenna into vertical position and attach the top bolt with lockwashers and nuts. Position antenna to desired tilt and then tighten top nut. Then tighten bottom nut.



Specifications

Parameter	Min	Typ	Max	Units
Frequency Range	900		928	MHz
Gain		12		dBi
Vertical Beam Width		15		Deg
Horizontal Beam Width		120		Deg
VSWR		1.5:1		
Impedance		50		OHM
Input Power			100	W
Pole Diameter (OD)	1.5" (38)		3" (76)	Inch (mm)
Operating Temperature	-40		+70	Deg C
Weight		16.5 (7.5)		Lbs (kg)
Dimensions	62" x 8" x 2" (1575 x 203 x 51)			Inch (mm)

Antenna Patterns at 915MHz



Wind Loading			
Model	Sq. In	100MPH	125MPH
SAH9-120-12	496	124 Lbs	194 Lbs