

Instruction Sheet

DA53-28, DA58-29, DA58-32

Parabolic Dish Antennas

Step 1: Attach the pole mount assembly to the dish. Assemble with tilt adjustment screw towards the top as shown. Be sure to mount the tilt adjust screw on the correct side of the antenna flange as shown for proper operation. Torque nuts to at least 60 in-lbs.

Step 2: Place the stabilizer clamp on the pole just below where the antenna will be mounted. This clamp helps to stabilize the antenna during assembly and also gives added vertical support during use.

Step 3: Attach the antenna assembly to the pole using the two U-Bolts provided.

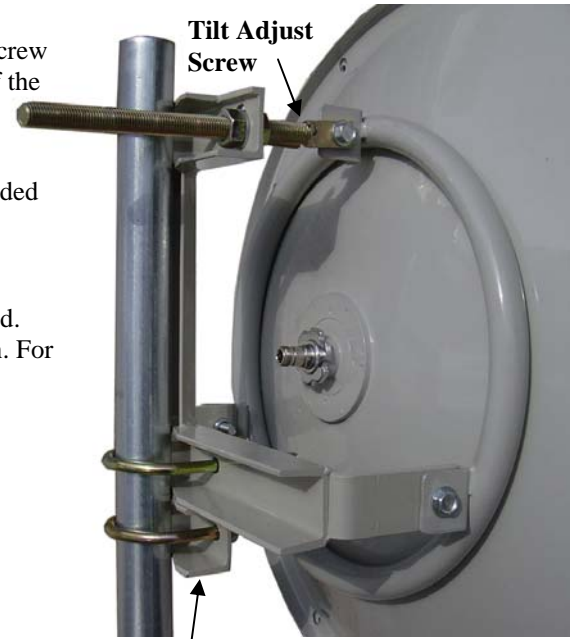
Step 4: Attach the antenna feed. This antenna has a positive polarity mounting method. For Vertical polarity engage the feed with the black screw in the up or down position. For Horizontal polarity engage the feed with the black screw in the left or right position. Tighten the feed attach nut on the back of the antenna to secure the feed.



Horizontal Polarity



Vertical Polarity



Stabilizer Clamp

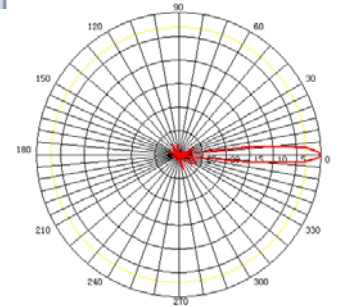
Step 5: Radome Assembly – If you have purchased the optional radome kit for this antenna, depending on your installation, you may want to assemble the antenna feed and the radome before mounting the antenna to the pole. After installing the antenna feed, attach the radome cover to the antenna using 12 screws. Use a flat washer under the head of the screw to protect the fiberglass. Tighten the screws to 25 in lbs. Try not to apply excessive force to the screws. Be sure the radome is oriented so that the drain holes are on the bottom of the antenna.



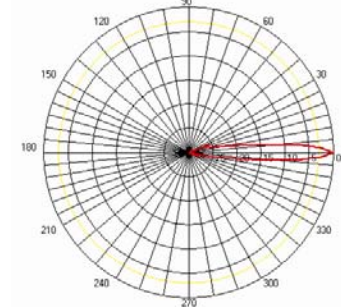
Drain Holes



Parameter		Min	Typ	Ma X	Units
Frequency Range	DA58 DA57 DA53	5725 5470 5150		5850 5725 5350	MHz
Gain	DA5x DA5x		29 32		dBi
3dB Beam Angle	DA58-29 DA58-32		6 4		deg
VSWR			1.5:1		
Impedance			50		OHM
Input Power				100	W
Operating Temperature		-40		+70	Deg C
Rated Wind Velocity			125		mph
Dimension (dia)	DA58-29 DA58-32		25.5 (648) 35.4 (900)		Inch (mm)
Weight	DA58-29 DA58-32		11 (5) 22 (10)		Lbs (Kg)
Pole Diameter (OD)		1.5 (38)		3 (76)	Inch (mm)



DA5x-29 Vertical



DA5x-32 Vertical