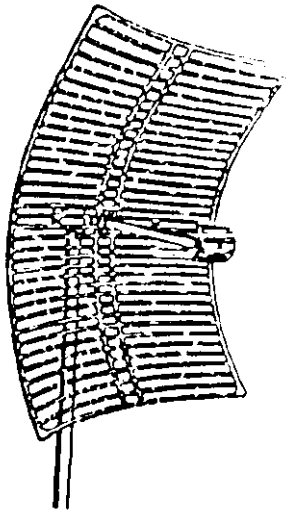


25 ANTENNA / INTEGRATED INSTALLATION



WARNING: Installation of antenna near
power lines is dangerous.

- (2) Reflector halves
- (1) Feed assembly
- (1) Sub-reflector
- (1) Mounting "L" shaped bracket
- (4) Keps nuts
- (4) #8-32 Machine screws
- (2) Stainless U-bolt
- (2) Mast clamps
- (1) #6 x 1/2" stainless screw
- (8) Stainless nuts
- (8) Stainless lock washers
- (4) Stainless carriage bolts

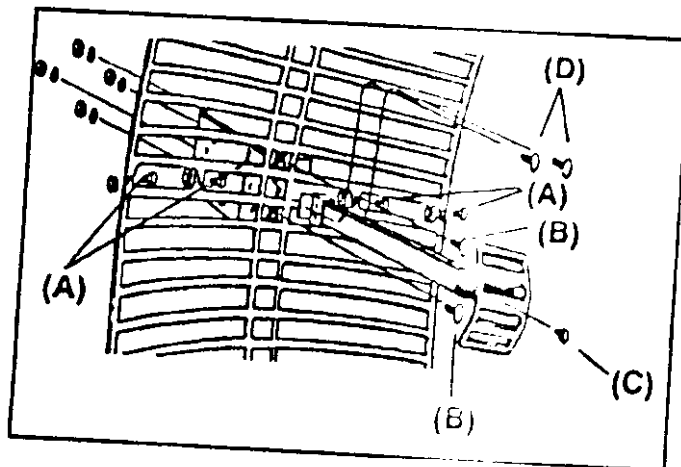


Figure 1

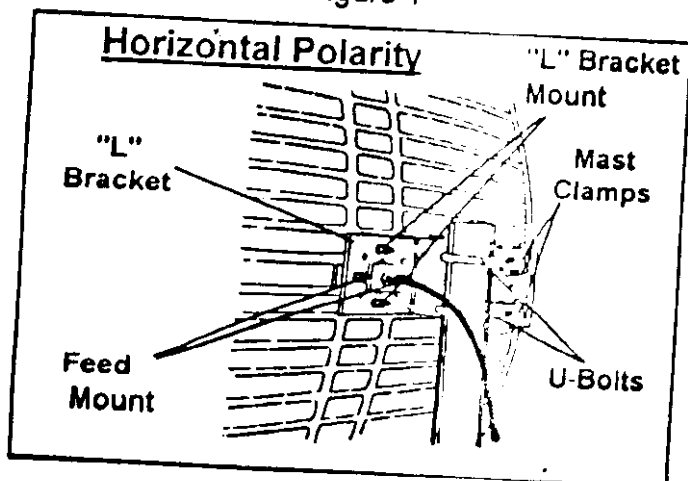


Figure 2

ASSEMBLY

Note: Loosely tighten all hardware till completely assembled and then tighten securely.

1. Assemble the two halves inserting the 4 #8-32 machine screws (A) through the front. Secure with the keps nuts on the back. (figure 1)
2. Place the sub-reflector on the front of the feed and secure with the #6 x 1/2" stainless screw. (figure 1)
3. Determine the polarity of the antenna. (figure 4 & 5)

Vertical Polarity

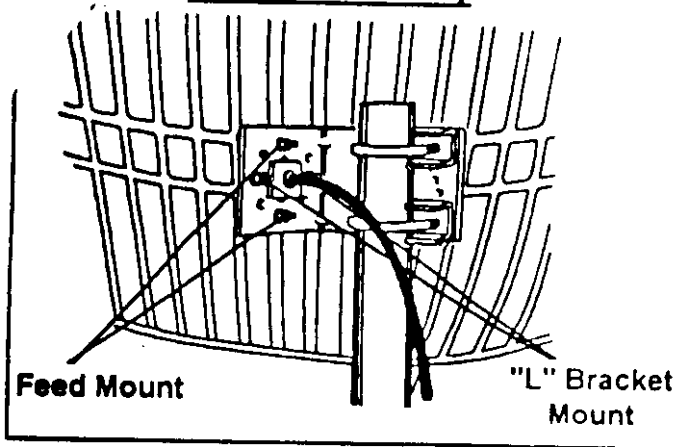


Figure 3

Horizontal Polarity

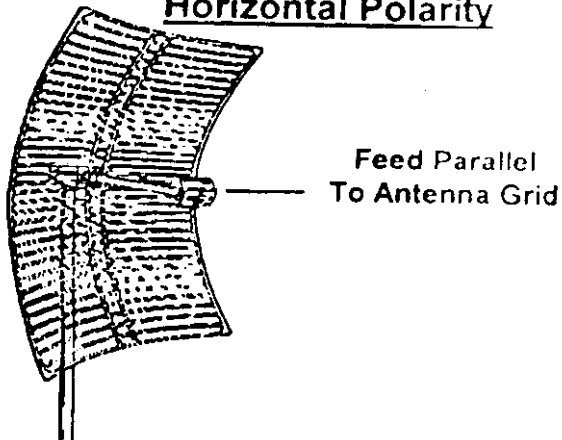


Figure 4

Vertical Polarity

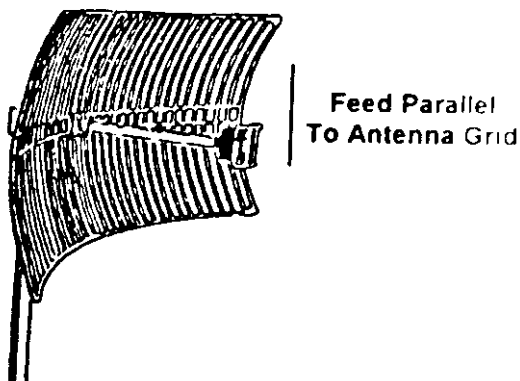


Figure 5

Note: Horizontal Polarity.

Refer to figure 2 and 4 for proper "L" bracket and feed alignment on backside of antenna.

Vertical Polarity.

Refer to figure 3 and 5 for proper "L" bracket and feed alignment on backside of antenna.

4. Place the "L" bracket on the back of the antenna. Insert two carriage bolts from the front to attach. Secure on the back with the lock washers and nuts.
5. Check the dipole feed assembly for the proper polarity.

Note: The dipole feed should be parallel to the antenna grid when in position for horizontal or vertical polarity.

6. Pull the coax through the antenna and the "L" bracket opening. Secure the feed on the front with two carriage bolts (D) (figure 1). Secure the feed on the back with the lock washers and nuts. (figure 1)
7. Place the 2 mast clamps on the 2 U-Bolts (figure 2). Fasten the U-bolts on the "L" bracket with the 4 lock washers and nuts.