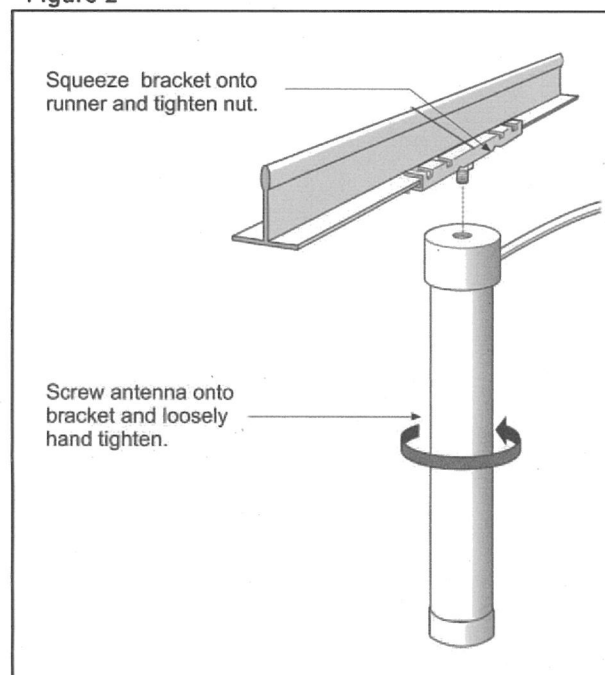


## MOUNTING (cont.)

Figure 2

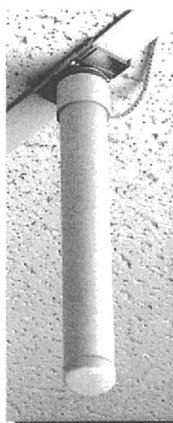


## SPECIFICATIONS

Model	AIR-ANT 1728
Frequency, MHz	2400 - 2500
Gain, dBi	5.15
Wind Surface Area ft <sup>2</sup> (m <sup>2</sup> )	0.5 (0.005)
Wind Survivability, mph (kph)	125 (200)
Weight, lb. (kg)	0.31 (0.14)
Height, in. (cm)	11.25 (28.6)
Nominal Impedance, Ohms	50
VSWR	1.5:1 nominal
Power Handling, Watts	50
Radiating Element	Plated copper laminate
Enclosure	Polycarbonate
Feed	36" coax cable RP-TNC male connector

## AIR-ANT 1728

**2400 MHz  
Ceiling Mount Antenna**



## SAFETY

The antenna has been designed to attach to and hang from standard ceiling panel runners. To prevent personal injury or equipment damage, the antenna must be securely mounted per instructions.

## LOCATION

The location of the antenna is important. Objects such as metal columns, walls, etc. will reduce efficiency. Best performance is achieved when transmit and receive antennas are mounted at the same height and in a direct line of sight with no obstructions. If this is not possible and reception is poor, it's a good idea to try a few different mounting positions to optimize reception.

## MOUNTING

This antenna is suitable for use indoors or outdoors. The antenna bracket fits ceiling support runners 13/16" to 1- 1/4" (2.1 cm to 3.2 cm) wide. To install, loosen the 1/4-20 hex nut and position antenna mount over support runner (Figure 1). Squeeze bracket firmly onto runner (hand pressure is adequate) and tighten hex nut securely. Carefully screw antenna onto the 1/4-20 screw (lightly hand tighten). Secure coaxial cable along support runner using tape or cable ties. If another mount is used, limit the depth it is threaded into this hole to .35 inches (.9 cm). For outdoor mounting, install antenna with threaded hole down.

Figure 1

