

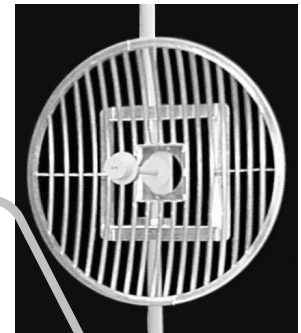
Details

2200-2400 MHz

The TA-2248 is a grid parabolic antenna with a broadband dipole horn feed which is sealed for superior weatherability. The antenna is at DC ground to aid in lightning protection. This antenna is extremely rugged and is designed to provide superior performance in any conditions.

Electrical Specifications

| | |
|---------------------|------------------------|
| Freq Range: | 2200-2400 MHz |
| Gain: | 27 dBi |
| VSWR: | 1.35:1 max. |
| Front Back: | 28 dB min. |
| Pol: | Vertical or Horizontal |
| Power: | 200 watts |
| H Plane BW: | 6.8 degrees |
| E Plane BW: | 7.5 degrees |
| X Pol: | 30 dB min. |
| Imp: | 50 ohms nominal |
| Termination: | N female |



Mechanical Specifications

| | |
|------------------------|--------------------------------|
| Diameter: | 50.5 in. (1283 mm) |
| Weight: | 50 lb. (22.7 kg) |
| Rated wind vel: | 125 mph (200 km/h) |
| Hor Thrust: | 304 lb. (138.2 kg) |
| Mech tilt: | 0 - 15 degrees |
| Mounting Pipe: | 1.75 - 4.5 in. (44.5 - 114 mm) |

Material Specifications

| | |
|----------------------------|--------------------|
| Radiating Elements: | Aluminum |
| Reflector: | Irridited aluminum |
| Clamps: | HDG steel |



Antenna Patterns

