



# HD18035

2.4 GHz 24 dB Gain  
Grid Antenna



An ideal solution for high gain requirements at 2.4 GHz. These rugged, rust free, narrow beam antennas will deliver a clean radiation pattern at a very moderate price.

### Advantages:

- Made of Magnesium alloy, which is superior to anodized aluminum and weighs 44% less.
- Low wind resistance
- Die-case manufacturing process provides unmatched uniformity, resulting in consistently high performance from every antenna
- Easily installed for either horizontal or vertical polarization
- Compact packaging saves shipping costs.

### Specifications

#### Electrical

Frequency: 2400-2500 MHz  
 3 dB Beam Width: 7.5°  
 Front to Back Ratio: >31 dB  
 Polarization: Horizontal or Vertical  
 VSWR: 1.3:1  
 Power: 50 W  
 Impedance: 50  
 Wind Loading: 97 lb @ 100 MPH  
 199 lb @ 140 MPH  
 Elevation Adjustment: 60° in 10° increments

#### Mechanical

Connector: N Female on 24" RG8  
 Size: 23.5 x 39.25 x 15"  
 Weight: 5.4 lbs  
 Reflector Material: Cast Magnesium Alloy  
 Mounting: Stainless Steel