

## PROFESSIONAL GRADE GRID PROGRID806-18

806-896 MHz

### ANTENNA SPECIFICATIONS

Operating Frequency (VSWR $\leq$ 1.5) MHz	806-896
Nominal Gain (dBi)	18.5
Horizontal Beamwidth (Deg-3dB)	12
Vertical Beamwidth (Deg-3dB)	30
Front To Back Ratio (dB)	25
Power Rating (W)	200
Length (inches)	67.5
Height (inches)	38
Antenna Weight (lbs.)	39.5
Cross Sectional Area (Max. Ft <sup>2</sup> )	6.4
Lateral Thrust at 100mph (lbs.)	160
Rated Wind Velocity (mph)	100
Rated Wind Velocity with 1/2" radial ice (mph)	75



PROGRID806-18 is equipped with a standard feed line length of 5' LMR400 UltraFlex cable and N-Female connector. Please contact our sales staff for alternate connector requirements.



Includes mounting brackets  
C1013 (2 included)

The **PRO-GRID806-18-N4** is designed to meet the demanding requirements of a *professional grade*, half parabolic antenna. This antenna provides **18.6 dBi** gain across the operating range of **806-896 MHz** with a VSWR of 1.5:1 or less.

This rugged unit is manufactured using only high strength 6061 T6 aluminum; all grid components are fully welded to ensure continuous optimum performance in the most severe operating conditions. The grid is shipped fully assembled. The directive feed element is easily installed and permits either Vertical or Horizontal polarization. (A selection of tuned feed elements is available, providing a choice of different operating frequencies utilizing the common grid. Contact Sales for your specific application requirements)

The design incorporates a 5' integral feed cable allowing ease of installation and ensuring long-term dependability. The antenna is finished with black powder coat to protect against environmental degradation.