

PROFESSIONAL GRADE GRID PROGRID138-10

138-174 MHz

ANTENNA SPECIFICATIONS

Operating Frequency (VSWR \leq 1.5) MHz	138-174
Nominal Gain (dBi)	10.6
Horizontal Beamwidth (Deg-3dB)	60
Vertical Beamwidth (Deg-3dB)	70
Front To Back Ratio (dB)	20
Power Rating (W)	300
Length (inches)	51
Width (inches)	48.75
Antenna Weight (lbs.)	24
Cross Sectional Area (Max. Ft ²)	4.5
Lateral Thrust at 100mph (lbs.)	112.5
Rated Wind Velocity (mph)	150
Rated Wind Velocity with 1/2" radial ice (mph)	125



PRO Grid 138-10 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.

The **PROGRID138-10** is designed to meet the demanding requirements of a *professional grade*, severe duty directional antenna combined with the added advantage of a low profile reflector antenna. This antenna provides **10.6 dBi** gain and operates effectively across the operating range of **138-174 MHz** with a VSWR of 1.5:1 or less.

This extremely rugged unit is manufactured using only high strength 6061-T6 aluminum and is fully welded to ensure optimum performance in the most severe operating conditions. The dual-dipole design incorporates a 5' integral feed cable allowing ease of installation and ensuring long-term dependability. The antenna comes fully assembled so all potential intermod or misalignment problems are eliminated. The antenna is black anodized to ensure many years of dependable service.