

## Military Grade 4.4-5.0 GHz Grid Parabolic Antenna

P/N: CGA60S4400M

### Features

High gain high efficiency  
Low weight  
Dual polarization  
Easy mount



Skybeam Military Grade C Band Grid Parabolic Antenna is engineered for optimal performance in the 4.40 – 5.00 GHz frequency range. The antenna is designed for ruggedness and reliable operation in extreme conditions where commercially available antennas may fail.

### Electrical Specifications

Frequency Range	4400 ~ 5000MHz
Gain	25 dB (typ)
Polarization	Linear Dual (manually adjustable)
HPBW	5°
VSWR	< 2:1
Cross Polarization	> 25 dB
F/B Ratio	> 30 dB
Impedance	50 Ohm
Output	N-type female (*)
Lightning Protection	DC-Short

### Mechanical Specifications

Dimension	610x610x360 mm
Weight	2.5kg
Operating Temperature	-40° to +85°C
Mounting Type	Pole
Mounting Pole Diameter	100 ~ 150 mm (*)
Color	RAL6031 (*)
Wind Load Endurance	200 km/h

(\*) other options available

### SKYBEAM Technologies

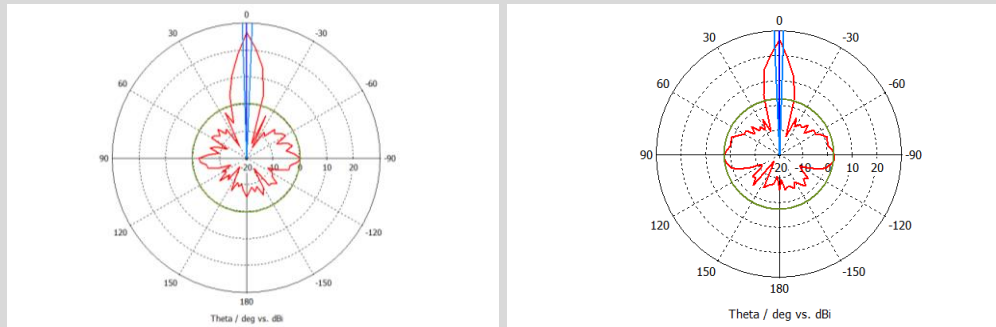
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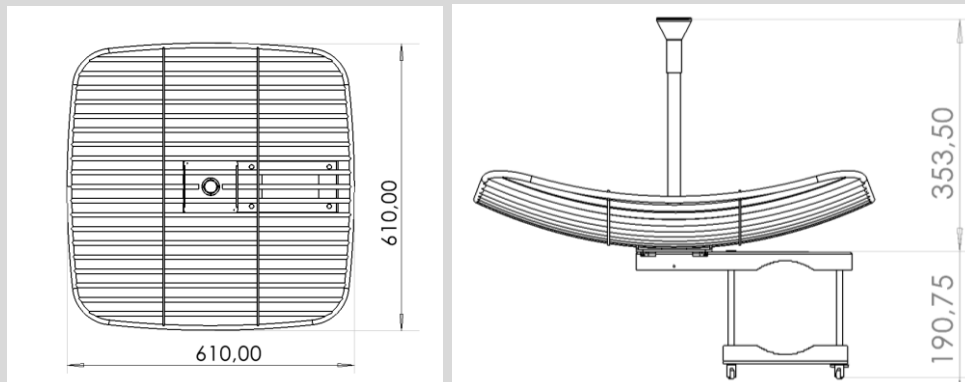
## Standards

Low Temperature	MIL-STD-810H Method 502.7 Procedure-1
High Temperature	MIL-STD-810H Method 501.7 Procedure-1
Vibration	MIL-STD-810H Method 514.8 Procedure-2
Humidity	MIL-STD-810H Method 507.6 Procedure-2
Salt Fog	MIL-STD-810H Method 509.7
Rain	MIL-STD-810H Method 506.6 Procedure-1

\*Conformed by design



Radiation Patterns



Mechanical Drawings

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