

# M1621HCT-GN

## HIGH PERFORMANCE IRIDIUM ANTENNA

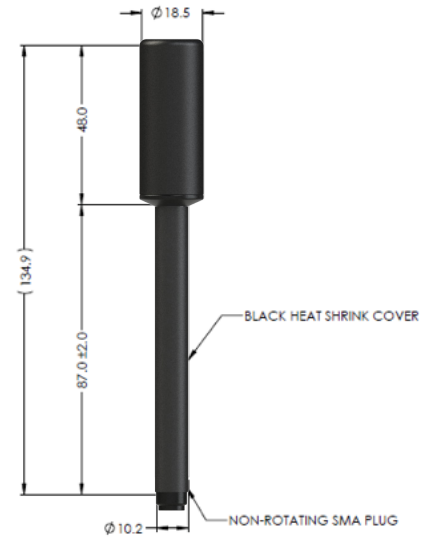
Part #: 100-00147-01

### Description

The M1621HCT-GN is a high performance antenna designed for the Iridium network. The antenna is built on proprietary Maxtena Helicore® technology. This technology provides exceptional pattern control, polarization purity and high efficiency in a very compact form factor. The M1621HCT-GN is rated IP-67 when mounted for added protection. This product is designed for applications requiring high quality Iridium reception.

### Electrical Specifications

Parameter	Specification
Frequency	1621 MHz (Iridium)
Polarization	RHCP
Antenna Element Peak Gain	2.0 dBic (Iridium)
Axial Ratio	0.25 dB (typical)
VSWR	1.5 (max)
Impedance	50 Ω
Operating temp.	from -30°C to 60°C
RF Connector	SMA male
Overall dimensions	135 mm (height) x 18.5 mm (diameter)
Weight	45 grams



### Mechanical Specifications

dimensions are in mm

### Features

- Very low axial ratio
- IP-67 mounted
- Ultra lightweight - 45 grams
- Ground plane independent

### Applications

- Vehicle and fleet tracking
- Military & security
- Asset tracking
- Oil & gas industries
- Navigation devices
- Mining equipment
- LBS & M2M applications
- Handheld devices
- Law enforcement