

## Iridium Antenna

### Iridium Antennas

Beam supplies a wide range of Iridium antennas for use with Beam satellite equipment including fixed, portable and mobile terminals.

The various designs and antenna profiles allow for specialized installation for specific applications. The use of high quality antennas for satellite installations is very important to maintaining consistent network access and reliable call quality.

The Iridium antennas Beam recommends are manufactured by Antcom Corporation, a leading US based antenna manufacturer.

### Quality Assurance

Whilst there are various Iridium antennas on the market, the Beam / Antcom range has proven to be of extremely high quality and performance. Each antenna is individually tested and certified prior to delivery.

### Iridium Fixed Mast Antenna

The Iridium fixed mast antenna is specifically designed for marine and fixed land based applications. The Helix design provides high gain performance and is very well suited for installation onto a mast.

The antenna bracket supplied allows for vertical or horizontal pole/mast mounting or alternatively it can be bolted directly to a flat surface with the cabling through the base itself to the bulkhead mount. The antenna can alternatively be affixed to solid mounts, bull/nudge bars or any other fixture.



Iridium Bolt Mount  
Beam RST910

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### Iridium Magnetic Mount Antenna

The Iridium magnetic mount antenna is suitable for vehicle or temporary applications where a magnetic mount is more convenient than a fixed mount.

The magnetic mount antenna is supplied with 5metres of flexible LMR200 Times Microwave cable to allow for easy installation.



Iridium Magnetic Mount  
Beam RST915

### Iridium Bolt Mount Antenna

The bolt mount antenna is designed for fixed applications for vehicles or remote telemetry stations. The bolt mount antenna provides easy installation with the bulkhead mount fitting on the base of the antenna itself.

The TNC connector on the unit provides a bulkhead mount that is secure and easy to install. Alternatively the antenna can be secured screwing in to the base, whilst the cable connects simply to the TNC connector.



Iridium Bolt Mount Beam  
RST920

### Iridium Airborne Antenna

The Iridium fixed airborne antenna is designed specifically for aeronautical applications. The helix dome provides for quality communications at high speed and altitudes is robust in design and allows for solid fixing to an aircraft.

Consultation should be made with appropriate local authorities before attempting to install an aero antenna of any description.

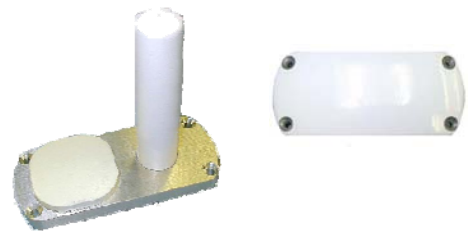


Iridium Airborne  
Beam RST919

### Combined Iridium Helix / GPS Patch

The combined Iridium / GPS antenna is ideal for all applications where a Beam terminal is being used in conjunction with the Beam TrackALERT RST030 or RST030S interface.

The antenna is easily affixed using the screw holes on the base of the unit. The Iridium antenna has a TNC connector whilst the GPS antenna has an SMS connector.



Iridium & GPS  
Beam RST902

Iridium / GPS  
Beam RST903

### Combined Iridium Patch / GPS Patch

The combined Iridium / GPS antenna is ideal for transport and telemetry applications whereby a Beam terminal is being used in conjunction with the Beam TrackALERT RST030 or RST030S interface.

The patch Iridium antenna is ideal for any land fixed or mobile applications, whilst the active GPS antenna provides tracking where required. The antenna is easily affixed using the screw holes on the base of the unit. The Iridium antenna has a TNC connector whilst the GPS antenna has an SMA connector.

### Antenna Cabling

Iridium Satellite network supports a maximum 3db loss on the cabling from the Iridium antenna to the transceiver connection. Only cables that meet these specifications are recommended,

IRID0510/1