

AD-510

Iridium Passive Antenna



An extremely robust passive antenna designed for use with all the Iridium series of Satellite Phones.

Provides superior performance for external mounting in harsh or marine environments.

The radome is 4 mm GRP/Polyester mix whilst the base is milled from aluminium and hard anodised giving an attractive green finish, which is mechanically resilient and resistant to corrosion.

The unit is designed for free air mounting and no ground plane is required.

The bracket ([AD510-2](#)) provided with each antenna can be attached to vertical or horizontal spars up to 60mm in diameter using the U bolts provided.

Connection to the Iridium handset is made with an appropriate coaxial cable via a TNC on the underside of the antenna (also available with N attachment). This cable can be a maximum length of 20m

If you require cable length longer than 20m then you will need an AD511 Active Antenna which are also available from G-Comm

Mounting Bracket:

- Heavy Duty Marine Alloy
- Vertical or Horizontal pole mount.
- Pole mount up to 60 mm.
- Supplied complete with stainless U bolts and nuts.



Specifications:

- Max. Diameter 87 mm.
- Height (including Connector) 100 mm.
- Weight (including Bracket) 1 Kg
- Operating Temp. -40 to +85% C.
- Connector TNC female.
- VSWR <2 : 1
- Impedance 50 ohms Ω
- Frequency 1610-1630 Mhz
- Polarisation Right hand circular

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