

Iridium Passive Filtered Antenna AD512

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 and the base is milled from aluminium and hard anodised giving an attractive green finish, which is mechanically resilient and resistant to corrosion.

The antenna incorporates a low-loss interdigital filter to reject interference at frequencies neighbouring the Iridium band.

The bracket (AD512) provided with each antenna can be attached to a mast or spar up to 60mm in diameter using the V-bolts provided. For packing purposes, the V-bolts may be bolted through the front face of the bracket and should be detached and reversed for mounting. Connection to the Iridium handset is made with an appropriate coaxial cable from an N-type connector on the underside of the antenna.

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

Dimensions	150 mm (dia) x 105 mm (dia)
Weight (including mounting bracket)	1.7 kg
Operating Temperature	-40 °C to +85 °C
Antenna Head Connection	N Type Female
Frequency	1610 - 1630 MHz
Polarisation	Right Hand Circular
VSWR	<2:1
Maximum cable loss	1.5 db @ 1626 MHz