

ISD710 ANTENNA

The Inmarsat Mast Active Antenna ISD710 is a marine grade antenna for the Inmarsat GSPS service and whilst designed predominantly for maritime based applications, it can be also used in fixed site or mobile applications.

Inmarsat Beam Mast/Pole Marine Antenna Active ISD710



The antenna connections (GSPS and GPS) are protected from the environment with its solid bracket attached to the antenna. The pole mount system is designed so that the cables can be thread through a PVC pole and then attached to the antenna directly keeping the cables and the connector protected from the environment.

The ISD710 works with all of the Beam Inmarsat IsatDock's and Oceana terminals, however MUST only be used with Beam certified ACTIVE antenna cables.

KEY FEATURES

- Inmarsat type approved
- High quality marine enclosure
- Active antenna
- Pole/Mast mounting
- SMA/SMA
- Omni directional
- 12 month repair or replacement warranty

APPLICATIONS



MARITIME



FIXED SITE



BOATS

Technical Specifications

| GENERAL | | |
|---------------------------------|--|---------------------|
| RF Output Impedance Axial Ratio | 50 Ohms | |
| Intended Operating Environment | Maritime | |
| Equipment Type | Mobile or Fixed Base Station | |
| Operational Band | ≤ 4dB, 0° ≤ 0 ≤ 85° | |
| Extended Band | ≤ 6dB, 0° ≤ 0 ≤ 85° | |
| Antenna Description | Type Maritime | |
| FREQUENCY | | |
| Inmarsat Transmit (operational) | 1626.5 to 1660.5 MHz | |
| Inmarsat Transmit (extended) | 1668.0 to 1675.0 MHz | |
| Inmarsat Receive (operational) | 1525.0 to 1559.0 MHz 1575.42 ± 10.25 MHz (GPS L1) | |
| Inmarsat Receive (extended) | 1518.0 to 1525.0 MHz | |
| ENVIRONMENTAL | | |
| Temperature | Degrees °C | Degrees °F |
| Operating Range | -25 to +55 | -13 to +131 |
| Meets IEC60945 | | |
| PHYSICAL | | |
| Dimensions | mm | inches |
| Antenna | 207 x 142 x 142 | 8.15 x 5.60 x 5.60 |
| Box | 260 x 210 x 170 | 10.23 x 8.27 x 6.69 |
| Weight | kgs | lbs |
| Antenna | 0.87 | 1.92 |
| Box | 1.11 | 2.25 |
| CONNECTORS | | |
| Inmarsat (GSPS) | SMA Female | |
| GPS | SMA Female | |

Accessories

| | |
|-------------------|---|
| ISD932- ISD935 | Inmarsat Beam Active SMA/TNC Cable Kit - 6-31m/19.7-101.7ft |
| ISD938 | Inmarsat Beam Active SMA/TNC Cable Kit - 40m/131.2ft |
| ISD942- ISD947 | Inmarsat Beam Active SMA/TNC Cable Kit - 50-100m/164.0-320.1ft |