

ISD720 ANTENNA

The Inmarsat Bolt Mount Antenna ISD720 is used for the Inmarsat GSPS service and whilst designed predominantly for vehicular based applications, it can be also used in fixed applications requiring a fixed mounting application.

Inmarsat Beam Bolt Mount Transport Antenna Active RST720



The antenna is designed to allow horizontal or vertical entry for the antenna cables as to provide some flexibility upon installation. The ISD720 works with all of the Beam Inmarsat IsatDock's and Oceana terminal but must only be used with Beam certified ACTIVE antenna cables.

KEY FEATURES

- Inmarsat type approved
- High quality enclosure
- Active antenna
- Bolt mounting
- SMA/SMA
- Low profile
- Omni directional
- 12 month repair or replacement warranty

Technical Specifications

GENERAL		
RF Output Impedance	50 Ohms	
Intended Operating Environment	- Commercial - Light Industry & Heavy Industry	
Equipment Type	Mobile or Fixed Base Station	
Power Supply Requirement	DC 12-32 Volts maximum	
RF Input Power Rating (US & Canada)	30.0 dBm or 1.0 Watt peak (conducted)	
RF Output Power Rating (US & Canada)	37.5 dBm or 5.6 Watts peak (conducted)	
Duty Cycle	N/A	
Antenna Description	Type Mobile Transport	
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
Rating Storage	-40 to +70	-40 to +158
Operational	-25 to +55	-13 to +131
PHYSICAL		
Dimensions	mm	inches
Antenna	75 x 146 x 146	2.95 x 5.75 x 5.75
Box	250 x 125 x 230	9.84 x 4.92 x 9.05
Weight	kgs	lbs
Antenna	0.87	1.92
Box	1.1	2.42
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

APPLICATIONS

