

# ISD700 ANTENNA

The Beam Inmarsat GSPS Direction passive Antenna ISD700 is a land based antenna for the Inmarsat GSPS service and is specifically designed for fixed site application.

## Inmarsat Beam Fixed/Directional Antenna Passive ISD700



The ISD700 is supplied with an adjustable mounting bracket it allows the antenna to be mounted and then pointed in the direction of the Inmarsat GSPS satellite within the coverage area of installation. The antenna connections (GSPS and GPS) are connected directly to the base of the antenna.

The ISD700 works with all of the Beam Inmarsat IsatDock's and Oceana terminals, however MUST only be used with Beam certified passive antenna cables and should never be used in a maritime or vehicular installation.

### KEY FEATURES

- Inmarsat type approved
- High quality fixed antenna
- Passive antenna
- Pole/Mast mounting
- SMA/SMA
- Directional
- 12 month repair or replacement warranty

### APPLICATIONS



### Technical Specifications

GENERAL		
RF Output Impedance	50 Ohms	
Equipment Type	Fixed Base Station	
Antenna Description	Type Transport	
Intended Operating Environment	- Commercial - Light Industry & Heavy Industry	
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		
<b>Temperature</b>	<b>Degrees °C</b>	<b>Degrees °F</b>
Operating	-40 to +70	-40 to +158
PHYSICAL		
<b>Dimensions</b>	<b>mm</b>	<b>inches</b>
Antenna	231 x 142 x 142	9.10 x 5.60 x 5.60
Box	260 x 210 x 170	10.23 x 8.27 x 6.69
<b>Weight</b>	<b>kgs</b>	<b>lbs</b>
Antenna	0.9	1.95
Box	1	2.20
CONNECTORS		
Inmarsat (GSPS)	SMA Female	
GPS	SMA Female	

### Accessories

ISD936	Inmarsat Beam Passive SMA/TNC Cable Kit - 10m/32.8ft
ISD937	Inmarsat Beam Passive SMA/TNC Cable Kit - 20m/65.6ft
ISD939	Inmarsat Beam Passive SMA/TNC Cable Kit - 30m/98ft
ISD940	Inmarsat Beam Passive SMA/TNC Cable Kit - 40m/131ft
ISD941	Inmarsat Beam Passive SMA/TNC Cable Kit - 50m/164ft