

# Iridium Passive Omnidirectional Antenna (+GNSS)

Certified passive dual-band antenna

- Passive Antenna for Iridium terminals
- Requires no pointing towards satellite
- Smooth surface low loss radome
- Compact dual-band (SAT/GPS) antenna design
- Built-in active GNSS antenna
- Mounts on any US-style Mounting Bracket with 1"-14NF threaded stud (not supplied)

Note: Cable loss below 3 dB for SAT is recommended

All cables listed here comply with regulations

## ELECTRICAL SPECIFICATIONS

Frequency	1616 - 1626.5 MHz (SAT) 1561.1 MHz, 1575.42 MHz, 1598.1 - 1605.4 MHz (BeiDou, GPS/Galileo & GLONASS)
Impedance	50 ohm
Vswr	< 1.5
Satellite System	Iridium BeiDou, GPS, Galileo & GLONASS
Polarisation	RHCP
Axial ratio	< 6 dB
Gain	2 dBic
LNA GAIN	25 dB (GNSS)
NOISE FIGURE	1.2 dB (GNSS)
SUPPLY VOLTAGE	3.0 - 5.5 V DC (GNSS)
AVERAGE CURRENT CONSUMPTION	20 mA



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MECHANICAL SPECIFICATIONS

Color	White (non-glossy)
Height	150 mm (191.5 mm mounting base included)
Diameter	Ø 95 mm
Mounting	On any US-style Mounting Bracket with 1"-14NF threaded stud (not supplied)
Mounting Place	On marine vessel or landbased vehicle
Materials	ASA, copper, PCB, stainless steel and brass
Operating Temperature	-40°C to +70°C
Connector	SAT: N-female GNSS: SMA-female
Cable	No cables supplied
Ingress Protection	IP68
Serial No.	On product label

ORDERING INFORMATION

65002-001	Antenna only - in polybag
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PACKAGING INFORMATION

Type	Polybag or hardbox (See "Part No.")
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