

# Iridium Passive Omnidirectional SATCOM Antenna

## Compact passive antenna

- Passive Antenna for Iridium terminals
- Well suited for Iridium GO!
- Requires no pointing towards satellite
- Rugged design for reliable performance in harsh conditions
- Compact design
- Smooth surface low loss radome
- Mounts on any US-style Mounting Bracket with 1"-14NF threaded stud

Note: Cable loss below 3 dB is recommended

Iridium GO! - see "Ordering Information" below for prepackaged antenna kit

## ELECTRICAL SPECIFICATIONS

Frequency	1616 - 1626.5 MHz (L-Band)
Impedance	50 ohm
Vswr	< 2.0
Satellite system	Iridium
Polarisation	RHCP (SAT)
Axial ratio	< 6 dB
Gain	2 dBic



## Datasheet

2 / 3

## MECHANICAL SPECIFICATIONS

Color	Glossy White
Height	111 mm
Weight	300 g
Diameter	Ø 94 mm
Mounting	Mounts on any US-style Mounting Bracket with 1"-14NF threaded stud
Mounting Place	On marine vessel or landbased vehicle
Mounting Instruction	Use the supplied counter-nut when mounting the antenna
Materials	ASA, POM, PCB, copper and chrom plated brass
Operating Temperature	-40°C to +70°C
Connectors	TNC-female
Cable	See "Part No." below
Ingress protection	IP66
Vibration	IEC60945

## ORDERING INFORMATION

P/N	65900-003 (Antenna only - in hardbox)
P/N	65900-013 (Complete kit for Iridium GO! (Antenna + Adapter Cable + 5 m cable) - in hardbox)
P/N	65900-023 (Complete kit for Iridium GO! (Antenna + Adapter Cable + 8 m cable) - in hardbox)
P/N	91006-011 (Adapter Cable for Iridium GO! (150 mm cable + TNC-female) - in polybag)
P/N	91005-010 (Cable 5 m LTR195 TNC(m) + TNC(m) - bulk packing)
P/N	91005-020 (Cable 8 m LTR240 TNC(m) + TNC(m) - bulk packing)
P/N	91005-030 (Cable 10 m LTR400 TNC(m) + TNC(m) - bulk packing)
P/N	91005-040 (Cable 15 m LTR400 TNC(m) + TNC(m) - bulk packing)

PACKAGING INFORMATION

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