

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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