Datasheet

# Iridium Certus® Passive Omnidirectional **Antenna**

#### Iridium Certus® 100 Ready

- Passive Antenna for the Iridium Certus™ 9770 module
- Requires no pointing towards satellite
- Low loss radome
- Mounts on any US-style Mounting Bracket with 1"-14NF threaded stud (not supplied)

#### **ELECTRICAL SPECIFICATIONS**

| Frequency        | 1616 - 1626.5 MHz (L-band) |
|------------------|----------------------------|
| Impedance        | 50 ohm                     |
| Vswr             | < 2.0                      |
| Satellite System | Iridium                    |
| Polarisation     | RHCP                       |
| Axial ratio      | < 3.5 dB                   |
| Gain             | 2 dBic                     |



#### 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<br>Temperature | -40°C to +70°C   |
| Connector                | N-female   |
| Cable                    | No cables supplied   |



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#### ORDERING INFORMATION

65020-011 Please contact info@scan-antenna.com

### PACKAGING INFORMATION

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





