

Iridium Active Antenna **RST740**

Installation Manual

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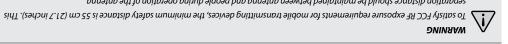
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PART #: USRMAN007704 subject to the following two conditions:

this device may not cause harmful interference and Cable Length Requirements This device complies with Part 15 of the FCC Rules. Operation is

separation distance should be maintained between antenna and people during operation of the antenna.

length. Your antenna distributor should provide the appropriate cable. regulations, care must be taken to use the appropriate total RF cable To meet Iridium performance requirements and comply with FCC



Important Safety Information

interference that may cause undesired operation.

equipment or the warranty.

(2) this device must accept any interference received, including

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lribiu Approved	
FCC	Compliance
-25°C to +55°C	Serational:
D°08+ of D°04-	Storage:
	Temperature rating
9lem97 DNT	eqγt rotoennos ennetnA
Integral	əqyt sınıətnA
М2D1X96	noitengiseb noissim3
ΜĹĎ	noiteluboM
smdO 02	əənsbəqmi tuqnl AR
zHM 2.3231 - 0.3181	AX Operating frequency range
ZHM 2.9261 - 0.6161	ADerating frequency range
A\N	Duty cycle
12.31 dBW Max	EIßb
29 dBm or 0.0 Maft peak (conducted)	RF Input power rating (SU) & Canada)
9 to 36V DC, 30W	Power supply requirement
[x] רוּסָאָד אַ	
[x] Commercial	Integrated operating environment
Mobile or Fixed Base Station	Equipment type

Changes or modifications not expressly approved by Beam Communications could void the users authority to operate the

Specifications

- 6 DC power cable .8
- AC adapter
- 3 x Split washers .Γ
- 3 x Flat washers .9
- 3 x Mounting screws .G
 - 3 x Set screws .4
- Mounting bracket
 - .2 Xod sei8
 - ۱. **Antenna**

Iridium Active Antenna Kit Contents

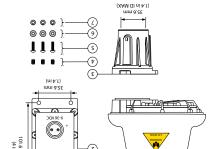
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[…]∷ iridium

BEAM Communications Pty Ltd

3.

(for receiving signals from the satellite) incorporated into the transmitting signals to the satellite) and low noise amplifier be used. The RST740 has an integrated power amplifier (for long RF cables are needed and a passive antenna cannot The RST740 antenna is designed for Iridium applications where

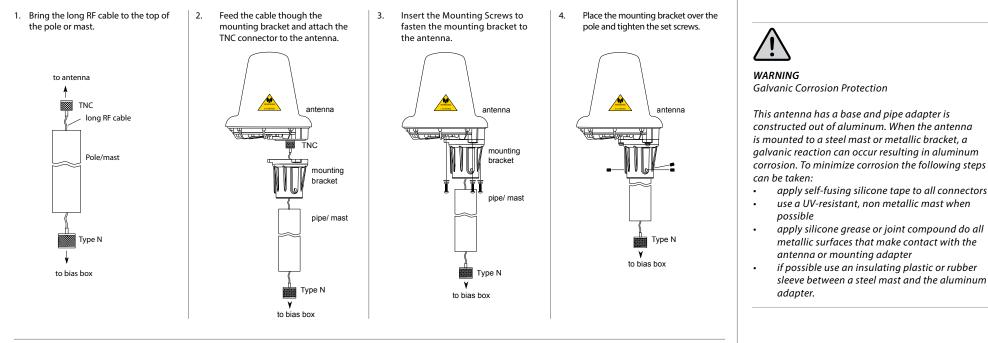


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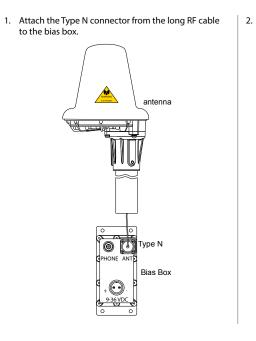
Introduction

Outside/Above Deck



3.

Inside/Below Deck



- Attach the short RF cable to the bias box and the docking station
 - antenna antenna Type N κÐ T ere TNC Type N PHONE ANT TNC PHONE ANT Bias Box Bias Box \bigcirc 31:16 Philmore P602C 9-36 VD0 Any Iridium

terminal/dock.

Connect DC power (9 to 36 VDC, 30W) to bias box.

to AC/DC

adapter or

other DC

source

WARNING:

Do not place the antenna anywhere there is a source of heat or fumes such as the ship's exhaust.

Any Iridium

terminal/dock.

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TNC