

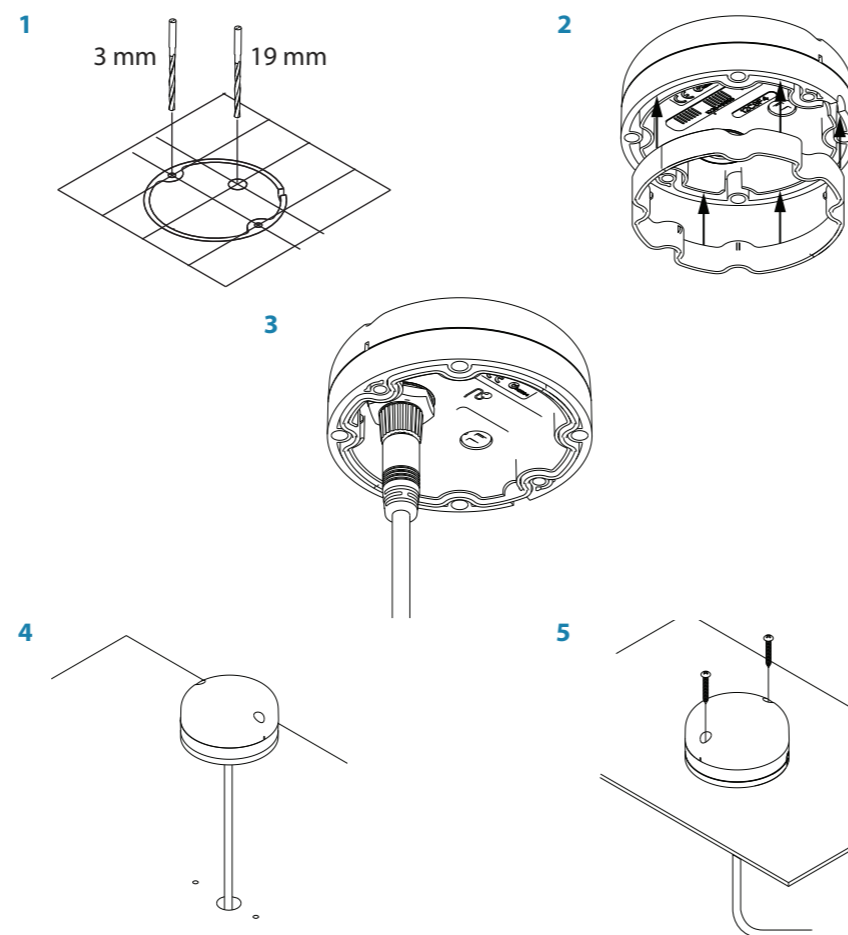
SIMRAD

GS70 Installation Guide

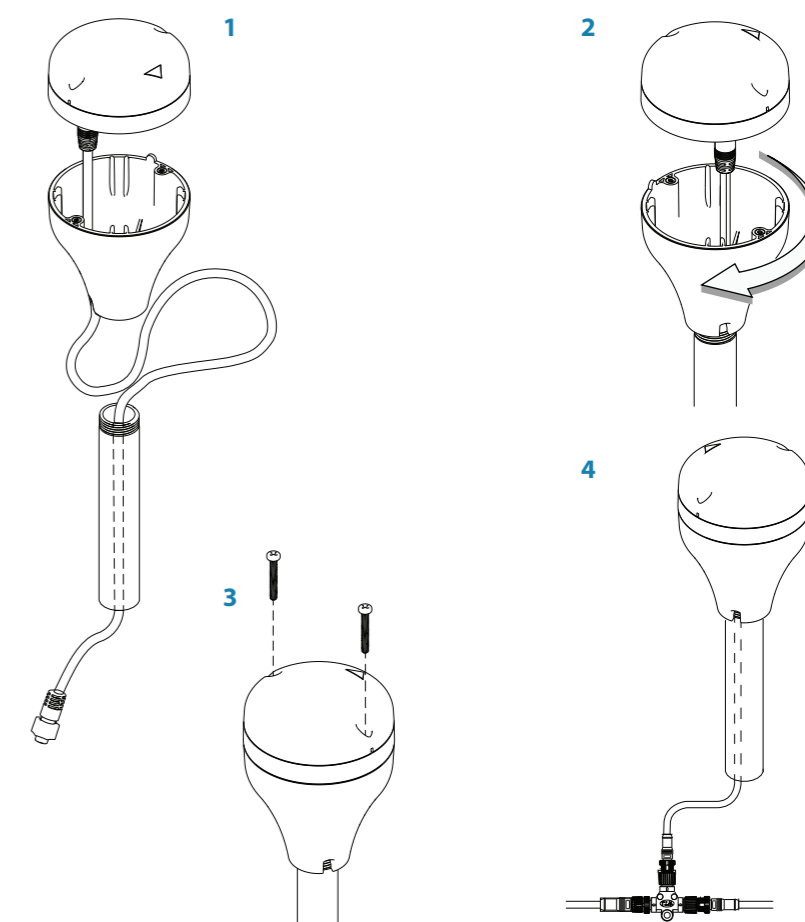


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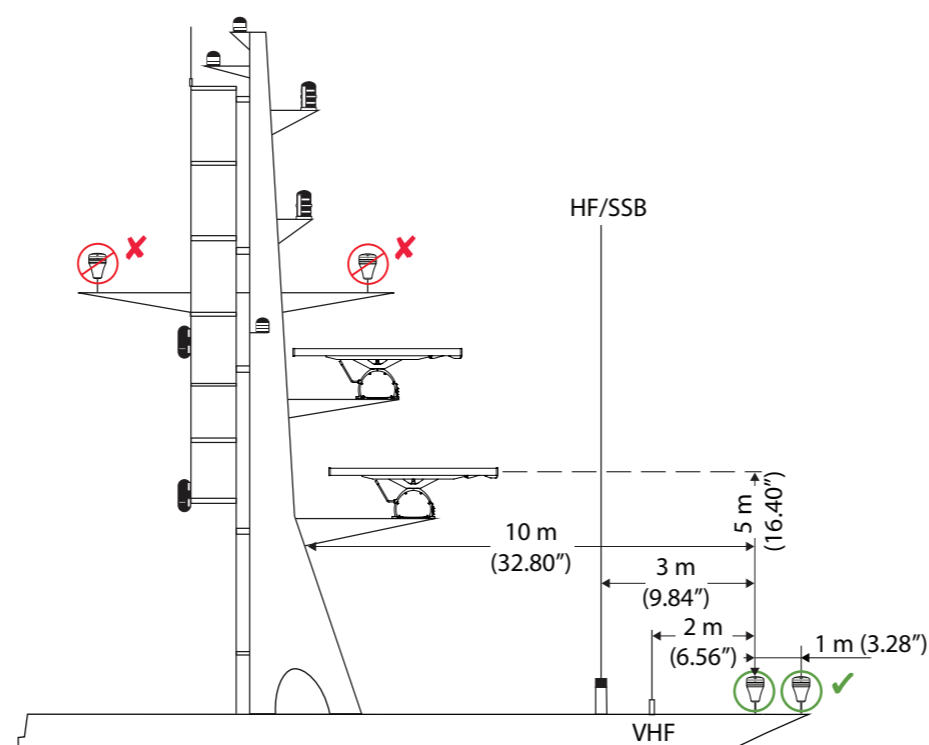
Surface mount the antenna



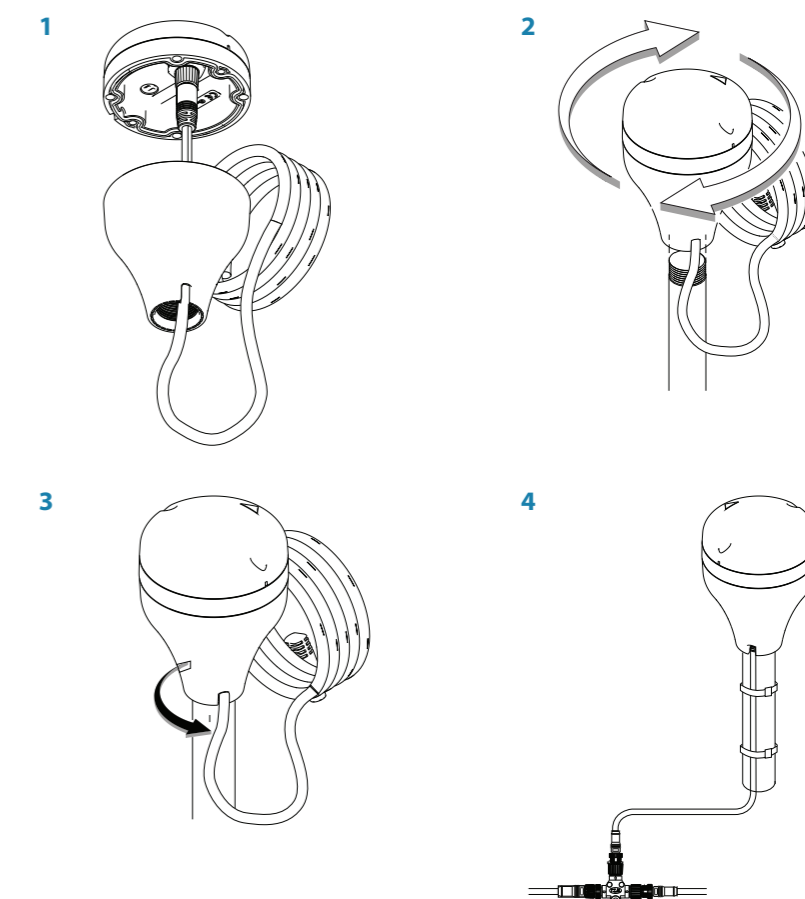
Pole mount (Internal cable)



Antenna mounting location



Pole mount (external cable)



For product manuals, technical specifications,
certificates and declarations refer to the
product website:

www.navico.com/commercial

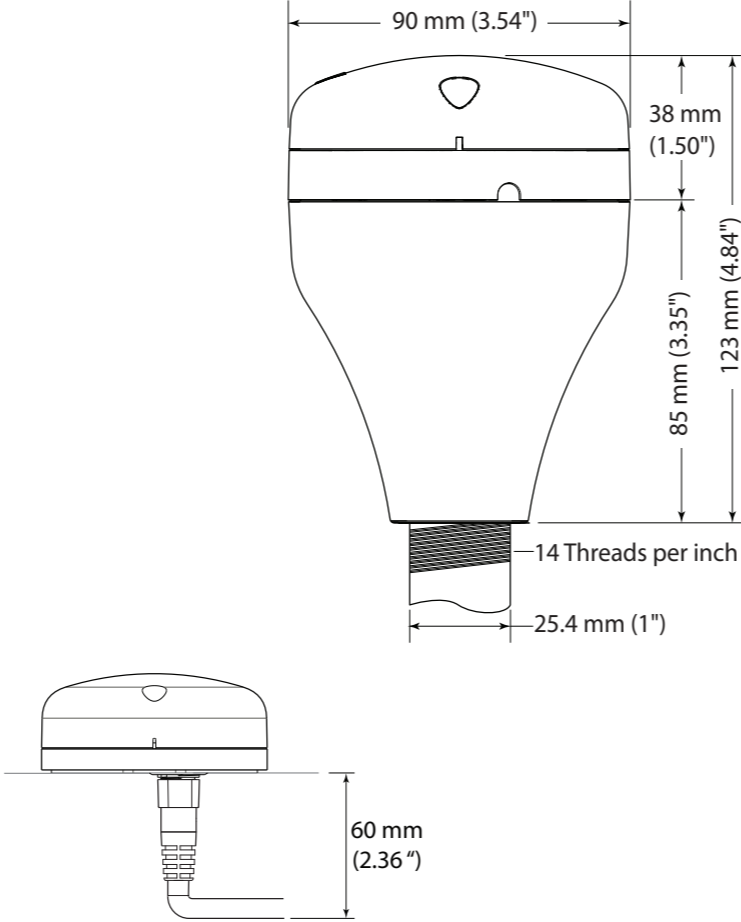


Technical specifications

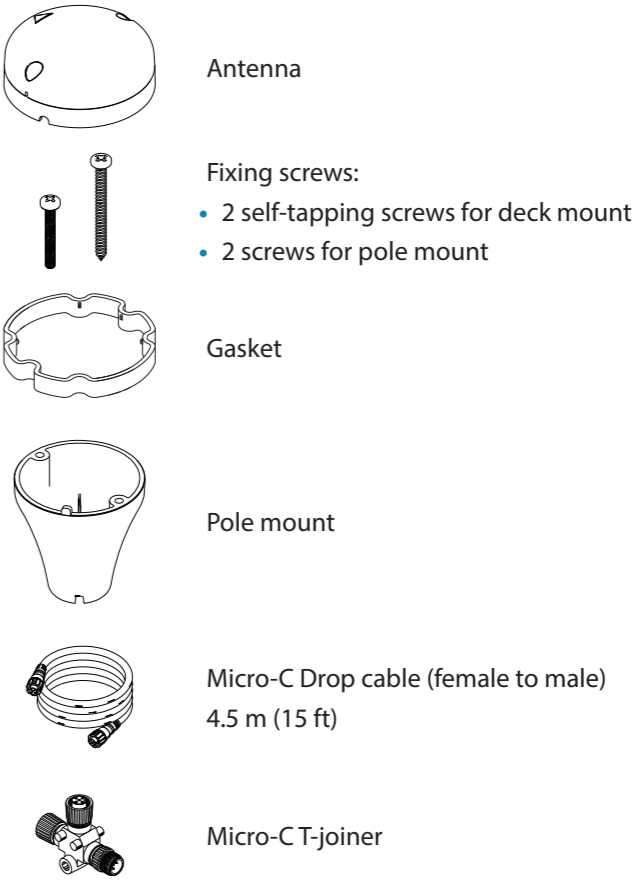
General	
Receiver Type	L1, C/A code, 1.575 GHz
Channels	32 channels
Position Update Rate	Up to 10 Hz (1, 5, 10)
Horizontal Accuracy	3 m (9.8 ft)
Cold Start	50 sec
Start-Up Time	3 sec
Satellite Reacquisition	5 sec
Environmental	
Operating Temperature	-25° C to +60° C
Storage Temperature	-40° C to +85° C
Splash Proof	IPX7
Humidity	40° C, 93% RH, operating
Electrical	
Input Voltage	9 V - 18 V DC
Reverse Polarity Protection	Yes
Power Consumption	< 100 mA @ 12 V DC
Mechanical	
Dimensions	90 mm (dia.) x 38 mm (height) 3.54" (dia.) x 1.50" (height)
Weight	0.14 Kg (0.3 lbs) approx.
Power/Data Cable	NMEA 2000
Antenna Connector	NMEA 2000 Micro C
Mounting	Flush mount / Standard 1"-14 threads pole mount
Communications	
Data I/O Protocol	NMEA 2000
NMEA2000 PNGs	
PGN Number	PGN Title
126992	System Time
129025	Position, Rapid Update
129026	COG & SOG RU
129029	Position Data
129539	GNS DOP
129540	GNS Satellites in view
127258	Magnetic Variation
127257	Attitude

Differential data can be added to the system using external DGNSS Corrections (PGN 129549).

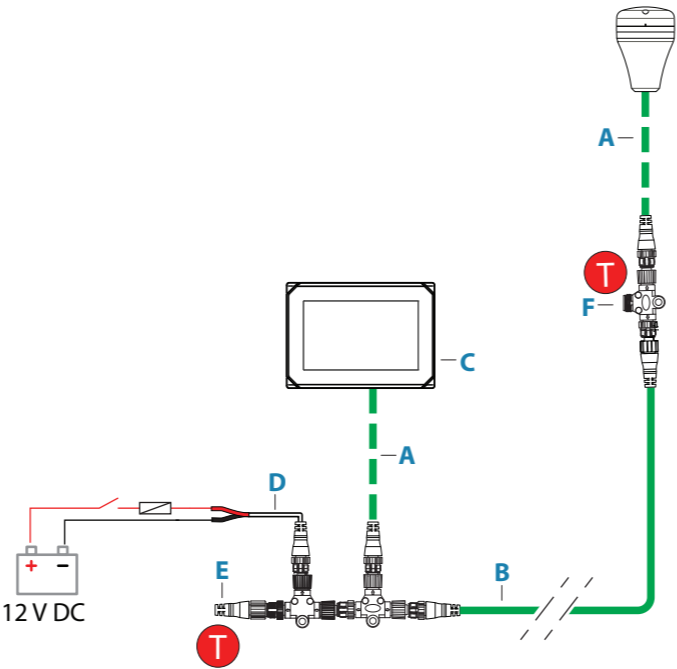
Dimensions



Supplied parts



Wiring



- A NMEA 2000 drop cable, max 6 m
- B NMEA 2000 backbone
- C Display unit
- D NMEA 2000 backbone power supply
- E Terminator
- F Inline terminator

Compliance statements

Europe
This product complies with CE under RED Directive 2014/53/EU. The relevant Declaration of Conformity is available in the product's section at the following website:
www.navico.com/commercial

Australia/New Zealand
Complies with the requirements of level 2 devices of the Radiocommunications (Electromagnetic Compatibility) standard 2017.

United States of America

Warning: The user is cautioned that any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.