

905.03 NAV-ANT/w NAVTEX ANTENNA

Installation instructions for NAV5 options:

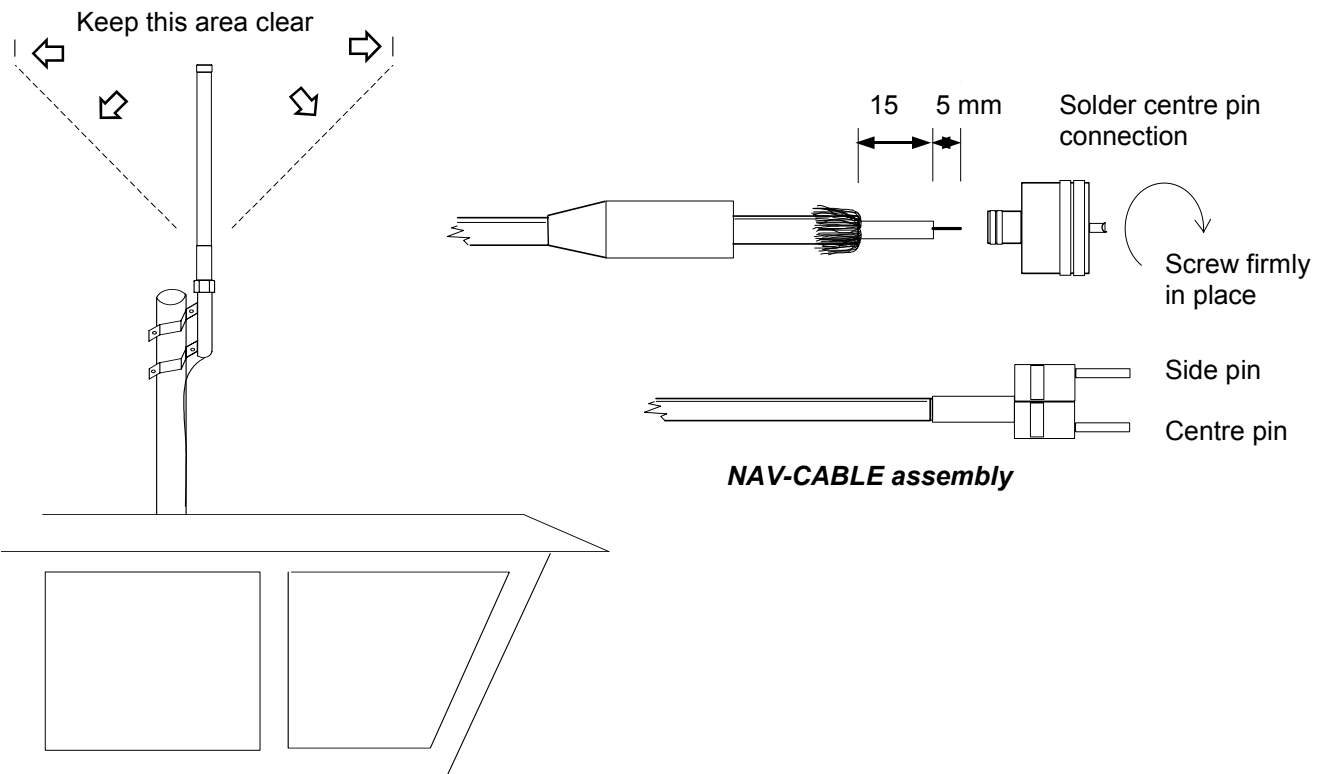
NAV-ANT/w passive 490-518kHz NAVTEX antenna 1" bolt mount, with SO239 socket

NAV-CABLE 20m cable kit, including connectors

NAV-CLAMP/a 25 - 60mm pole mount bracket, 1" Bolt mount for NAV-ANT/w

The **NAV-ANT/w** is suitable for the ICS NAV5 and NAV4 NAVTEX receivers. It may also be used as an antenna for a NAV5 fitted with a NAV-RCV/490 second channel option or a NAV4 fitted with a NAV-490 converter option.

The **NAV-ANT/w** should be mounted on a 1" 'bolt mount' fitting, in an elevated position. Metal, rigging or other antenna must not be located in the 'NO GO cone' surrounding the upper part of the antenna.



Installation procedure, NAV-ANT/w, NAV-CABLE, NAV-CLAMP/a

Start the antenna cable run from the NAV5 end, feed the open end of the cable first. Where the cable passes through bulkheads or decks, waterproof deck glands should be installed. Securely fasten the cable against vibration using plastic cable tie wraps.

Antenna connection

Pass the cable through the 'black plastic boot', prepare the cable end as shown in diagram above, folding the cable braid back and screwing the PL259 connector firmly in place. To ensure a good connection it is recommended that the centre pin is soldered.

Receiver connection

Connect the centre pin of the antenna cable to terminal 1 and the side pin to terminal 2 of the NAV5 rear connector. For details of NAV5 dual channel antenna connections refer to the installation section of the NAV5 User Guide.

If needed the NAV-CABLE may be extended using 50 ohm coaxial cable and connectors. The maximum cable length should not exceed 100m. Ensure that cable joints are well secured and waterproofed using self-amalgamating tape.

ICS Electronics Ltd.

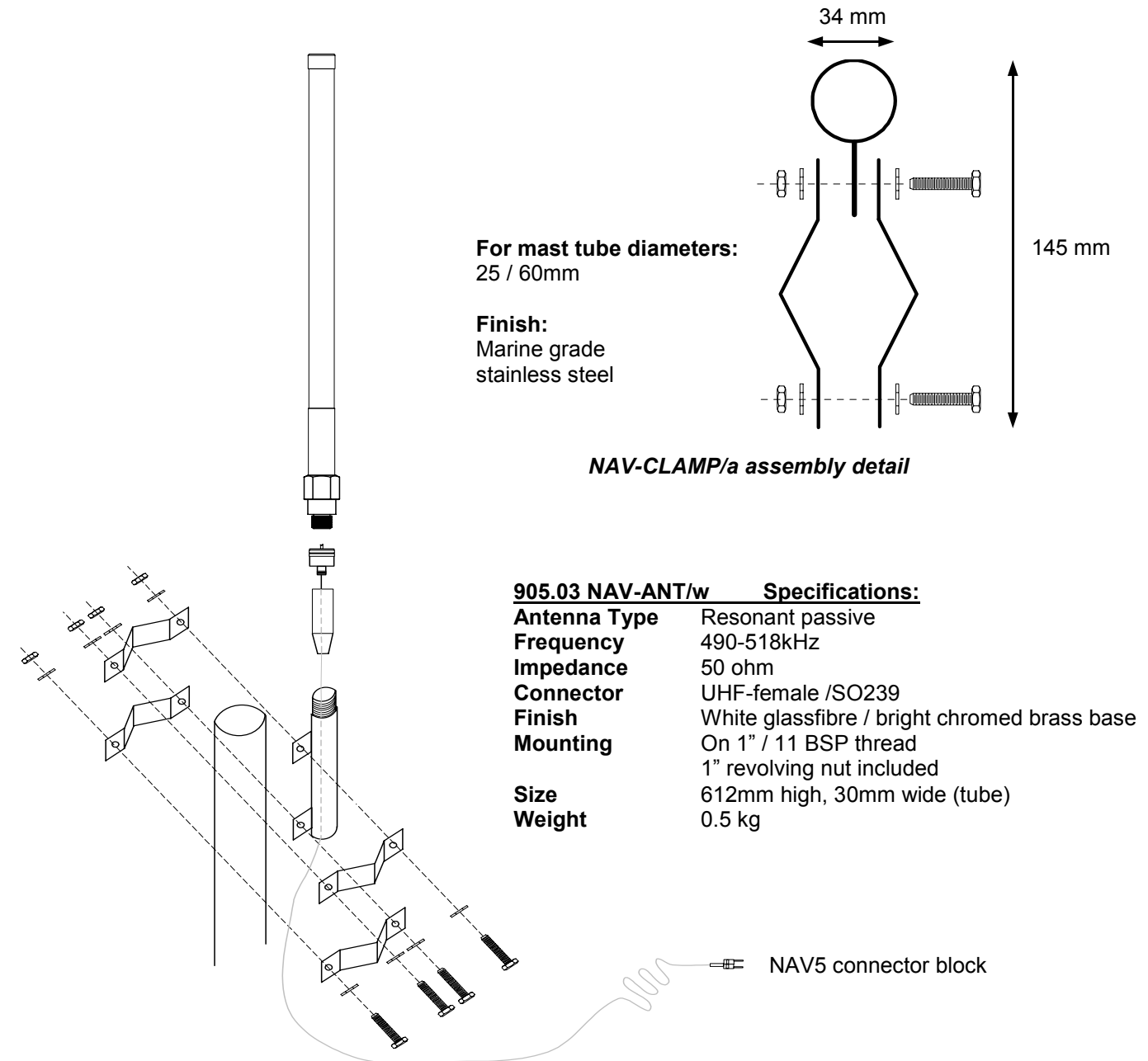
Unit V, Rudford Industrial Estate, Ford, Arundel, West Sussex. BN18 0BD England.

Telephone: +44 (0) 1903 731101 - Facsimile: +44 (0) 1903 731105

Email: sales@icselectronics.co.uk Website: icselectronics.co.uk

905.03 NAV-ANT/w NAVTEX ANTENNA

The NAV-ANT/w should be mounted on to a 1" 'bolt mount' fitting. NAVTEX antennas are most effective when mounted in an elevated position.



Typical installation of NAV-ANT/w, NAV-CLAMP/a and NAV-CABLE

Installation options

- NAV-CLAMP/a The marine grade stainless steel pole mounting kit may be used to mount the NAV-ANT/w passive NAVTEX antenna on a 25-60mm diameter vertical pole.
- NAV-CABLE installation kit consists of 20m coaxial cable with NAV5 connector pins fitted, PL259 antenna plug and 'black plastic boot'.

ICS Electronics Ltd.

Unit V, Rudford Industrial Estate, Ford, Arundel, West Sussex. BN18 0BD England.

Telephone: +44 (0) 1903 731101 - Facsimile: +44 (0) 1903 731105

Email: sales@icselectronics.co.uk Website: icselectronics.co.uk