

		proTAC5311 antenna mounting instructions		
Technical document		Author	Jani Järvinen	Date 17.9.2020
Version 1.2	Page 1 / 1	Approved	Jani Järvinen	Date 21.9.2020

proTAC5311 ANTENNA MOUNTING INSTRUCTIONS

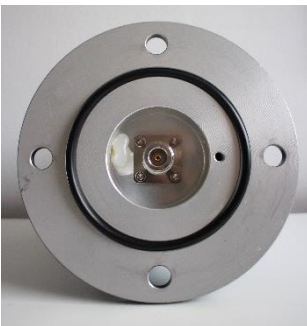
METALLIC SURFACES

Apply conductive / non-conductive anti-corrosion paste between proTAC-mount and installation surface to prevent corrosion build-up.



ROOFTOP WITH DIRECT CABLE PENETRATION TO INTERIOR

Use supplied O-ring to ensure watertightness. Make sure that O-ring is placed in to right place.



WATER INGRESS PROTECTION

Use vulcanized tape or heat shrink tube to protect connector.

Special attention should be paid if the antenna is installed upside down. In order to prevent moisture



to build up and end up inside the antenna, drill a small \varnothing 2-3mm hole to the center of radome. The expected life-time of the antenna is considerably shorter when installed upside down.

GROUNDING OF ANTENNA

5311 is internally DC-grounded which means both the center pin and shield of coaxial cable/connector are galvanically connected to the proTAC—mount of antenna.

5311 works well without additional grounding but it is possible to further ground the antenna to the hull of the vessel. Normally it is grounded automatically when ACCANT1001, ACCANT1003 etc mounting parts are used on metallic hull vessel. In some cases additional grounding wire over antenna mounting bolt (ACCANT1005) to ACCANT1001 can be also used.

In case additional grounding wire is preferred, this can be connected by using ACCANT1005 mounting bolts. It is good to use lock spring or similar below the cable shoe to slightly scratch the black painted surface of 5311 to ensure connection. In this case it is necessary to use anti corrosive paste or polymer adhesive to seal scratch in order to prevent corrosion build-up.

Recommended tightening torque for connector

N – TYPE 135 N-cm



**NO
SERVICEABLE
PARTS INSIDE**