



## ABS Inclinometer Casing

GA – C – 70 Model v.1.02

70 mm outer diameter

**Bottom Cap:** GA-IC-70-BC

**Top Cap:** GA-IC-70-TC

**Coupler:** GA-IC-70-CP



## OVERVIEW

Inclinometer casings are installed in boreholes and concrete structural elements to monitor relative displacement that occur due to the movement of soil masses. This inclinometer casing is fully compatible with mobile and in-place inclinometer devices. The 3 m long casing has a 70 mm outer diameter. The casing is made of ABS plastic and has 90° oriented rails. It is connected by 78 mm outer diameter couplings and assures less than 0.3° spirality at every segment. This connection assures long term durability and stable monitoring performance.

The connection is achieved through taping and riveting along with the application of chemicals to guarantee water tightness. In installations into conventional vertical inclinometer bore holes, the casing will be ready to serve after the injection of water, cement and bentonite ground mixture.

You can order a GeoAnts inclinometer casing set which includes all the pieces necessary for proper assembling and use at the construction site. Your orders will be shipped immediately from our in-house stock.

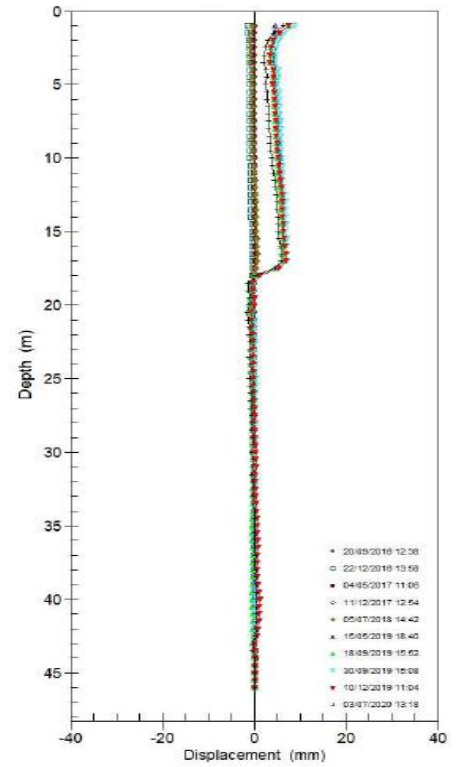


## FEATURES

- Outer Diameter: 70 mm.
- Outer Diameter for Coupler: 78 mm.
- Casing Wall Thickness: 4 mm.
- Rail Depth: 2 mm.
- Material: ABS Plastic.
- Spirality: < 0.3° / 3 m.
- Color: Natural (Beige).
- Working Temperature: -25°C to 80°C.

## Application fields

- Retaining structures, deep excavations.
- Slopes
- Tunnels
- Embankments, dams.



## Ordering Details

- Please indicate total casing length required. Shipped as multiples of 3 m.
- Couplers are included in order and supplied in accordance with the number of casings requested.
- Please indicate the number of top and bottom caps while placing your order (ordered separately).



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