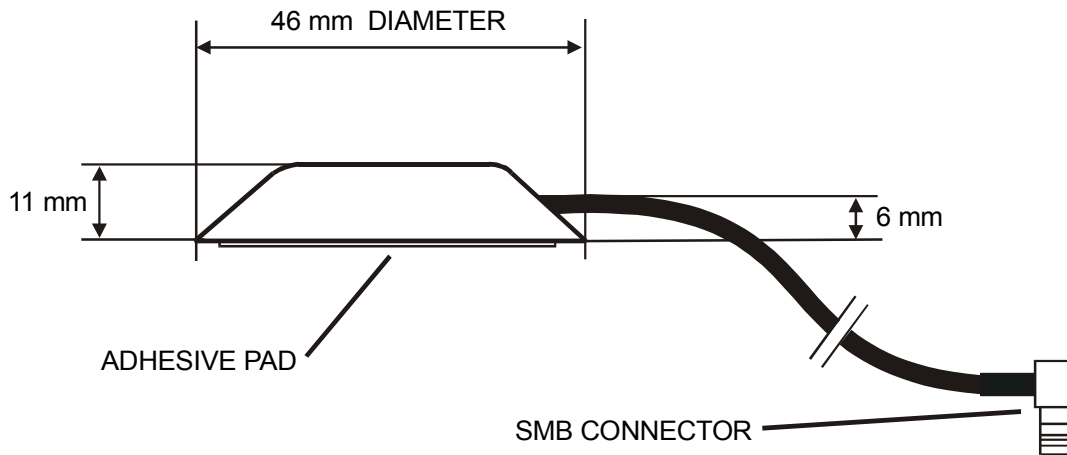


AN170

GPS antenna



Features

- Watertight to IP67
- Easy to install
- No mounting hole required
- Self-adhesive mounting
- Minimal footprint
- UV-protected plastic housing

Mechanical data

- Dimensions (mm): 46Ø x 13H
- Colour: black

Electrical data

- Noise figure: typically 1.35 dB
- Gain: typically 27 dB
- Supply voltage: 3.5 - 5.5V
- Current drain: ca. 20 mA
- Centre frequency: 1575.4 MHz
- Cable type: RG174
- Cable length: 4 m
- Connector type: right angle SMB female

Installation / extension cables and magnetic mounts are available.
For more information, see the TP Radio price list.

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Installation guide for AN170

1. Clean and dry the mounting surface. The surface should be free from dust and grease.
2. Warm the mounting surface to about 30 to 40 degrees C, using a hot air blower. This step is optional.
3. Peel the protective tape (yellow) from the adhesive pad at the bottom of the AN170.
4. Place the AN170 on the mounting surface and press firmly.
5. Route the coaxial cable.
6. Connect the SMB connector to the extension / installation cable (not supplied) or GPS receiver.