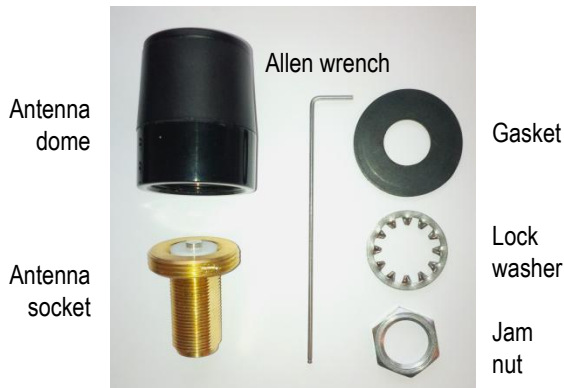


Antenna IE-ANT-3G-806-2500-4-NF

Installation instruction

Package list



Technical data

- Omnidirectional Base Station Antenna for 3G Communication
- Frequency Ranges: 806-960 MHz and 1710-2500 MHz
- Gain: 4 dBi (Measured if mounted on a 2,54 * 2,54 cm metal ground plane)
- Maximum Power: 100 watts
- Polarization: Vertical
- Nominal Impedance: 50 Ohm
- VSWR (Voltage standing wave ratio): < 1.5:1
- Protection: IP66
- Connector: N-type female
- Dimensions antenna dome: Height: 48 mm, Diameter: 36 mm

Note

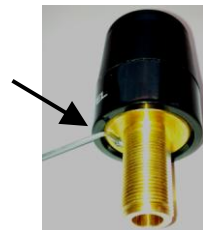
To reach full gain it is strongly recommended to mount the antenna on a **metal-based plate** with a hole diameter of 5/8 (0.63) inch / 16 mm (e.g. on top of a cabinet).

Mounting

Step 1: Assemble the screwable socket into the base of the antenna until the mounting surface of the socket is flush to slightly inside of the antenna mounting surface



Step 2: Fix the socket preventing removal by using the provided allen wrench

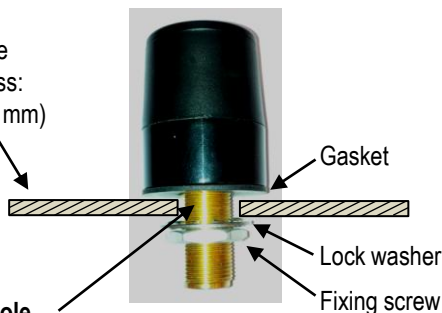


Step 3:

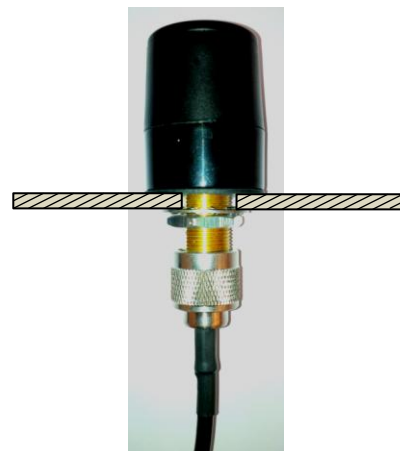
1. Slide the gasket on the thread
2. Insert the assembled antenna into the antenna hole of the mounting plate
3. Attach the antenna by firmly screw the fixing nut (including lock washer)

Mounting plate
(Max. thickness:
0.38 Inch / 97 mm)

Installation hole
(Diameter: 5/8 (0.63) Inch / 16 mm)



Step 4: Attach the antenna cable with N-type connector male



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