

## IOT868

### Wall Mounted Low Profile IOT Antenna

Slim IOT/M2M antenna designed for e.g. LoRa, Sigfox and Wireless M-Bus technologies

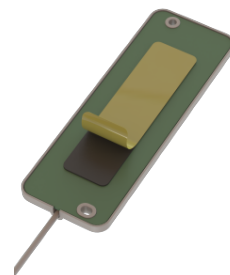
- Especially made for the 868 MHz ISM band
- Easy mounting on vertical surfaces
- Unobtrusive design
- No groundplane needed

#### Electrical Specifications:

|                       |  |
|-----------------------|--|
| Frequency             | 860 - 876 MHz (ISM and other adjacent bands) |
| Bandwidth             | 16 MHz                                       |
| Antenna Type          | Linear stripline                             |
| Impedance             | 50 Ohm                                       |
| VSWR                  | < 1.8:1                                      |
| Polarisation          | Linear                                       |
| Gain                  | 0 dBd, 2.1 dBi                               |
| Radiation Pattern     | Directional                                  |
| Max. Input Power      | 5 W  |
| Antistatic Protection | Direct Ground (DC-short)                     |

#### Mechanical Specifications:

|                       |  |
|-----------------------|--|
| Color                 | White                                      |
| Length                | 122.5 mm                                   |
| Height                | 35 mm                                      |
| Weight                | 160 g                                      |
| Width                 | 42.5 mm                                    |
| Mounting place        | On wall                                    |
| Materials             | ASA, PCB, PE, PVC and copper               |
| Operating temperature | -40C to +70C                               |
| Connector             | SMA-male (Other connector types available) |
| Cable                 | White RG174 (Other cable types available)  |



# Datasheet

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## Ordering information:

|     |   |
|-----|---|
| P/N | 48001-010 (1.5 m RG174 cable + SMA-male) (Bulk packing) |
| P/N | 48001-011 (1.5 m RG174 cable + SMA-male) (Polybag)      |
| P/N | 48001-020 (2 m RG174 cable + SMA-male) (Bulk packing)   |
| P/N | 48001-021 (2 m RG174 cable + SMA-male) (Polybag)        |

## Packaging Information:

|      |                 |
|------|-----------------|
| Type | Bulk or Polybag |
|------|-----------------|

## Outline Drawing

