

IOT868

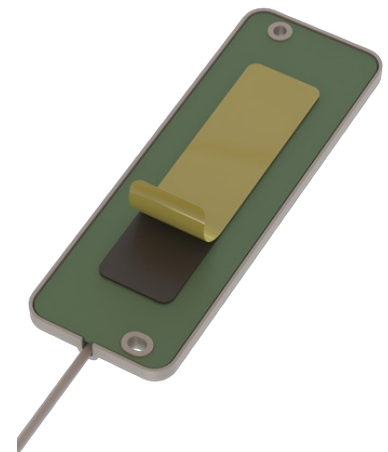
Wall Mounted Low Profile IOT Antenna

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) |



Datasheet

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MECHANICAL SPECIFICATIONS

| | |
|-----------------------|--|
| Color | White |
| Length | 122.5 mm |
| Height | 35 mm |
| Width | 42.5 mm |
| Weight | 160 g |
| 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) |

ORDERING INFORMATION

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

PACKAGING INFORMATION

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

