

## 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
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## Outline Drawing

