

IOT868

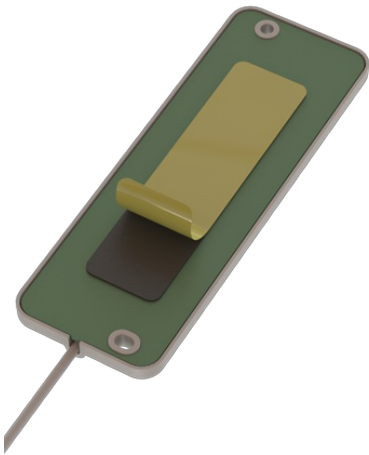
Wall Mounted Low Profile IOT Antenna

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

2 / 3

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
------	-----------------

Datasheet

3 / 3

