## Datasheet

# **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	nm
Height 35 mr	n
Width 42.5 r	nm
Weight 160 g	
Mounting Place On w	all
Materials ASA, I	PCB, PE, PVC and copper
Operating Temperature -40C	to +70C
Connector SMA-	male (Other connector types available)
Cable White	e RG174 (Other cable types available)

SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

## Scan-Antenna®



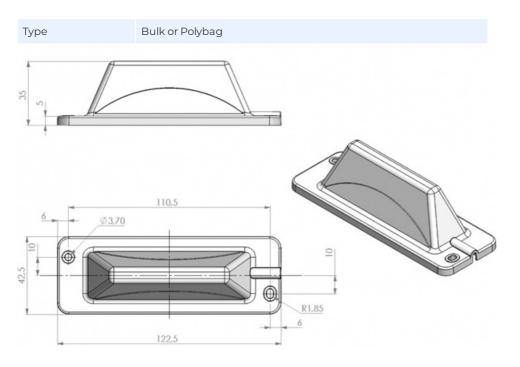


## Datasheet

### **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



SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.