Item No. 89533

Delock LoRa Antenna 868 MHz SMA Plug 0 dBi omnidirectional (RG-174, 3 m) roof mount outdoor black

Description

This antenna by Delock allows the usage of the 868 MHz frequency range indoors and outdoors. It is compatible to ZigBee 868 MHz and Z-Wave 868 MHz.

Specification

- Connector: 1 x SMA plug
- Frequency range: 868 MHz
- Antenna gain: 0 dBi
- Impedance: 50 Ohm
- Polarisation: linear, vertical
- VSWR: 2.0
- Transmission power: 10 W
- Operating temperature: -30 °C ~ 70 °C
- Colour: black
- Housing material: ABS UV resistant
- Screw mounting with 13.5 mm hole diameter
- Thread length: ca. 18 mm
- Protection class: IP67
- Cable: coaxial
- Cable type: RG-174
- Cable color: black
- Cable loss: ca. 1.0 dB @ 868 MHz per meter
- Cable diameter: ca. 2.7 mm
- Cable length incl. connector: ca. 3 m
- Dimensions (LxD): ca. 75.0 x 53.5 mm

System requirements

- Device with a free SMA jack

Package content

- Antenna

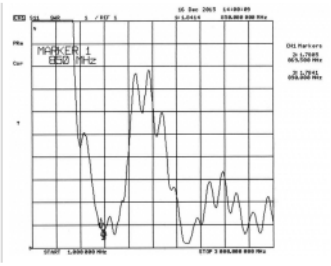
Additional Information

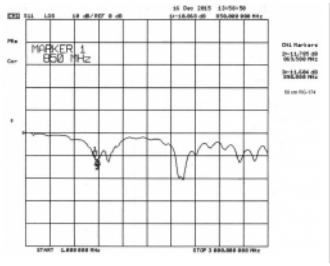
EAN: 4043619895335

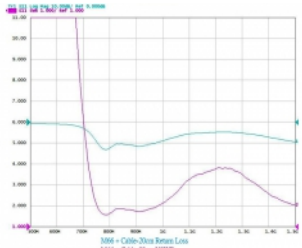
Country of origin: Taiwan, Republic of China

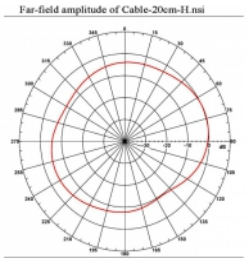
Package: Poly bag

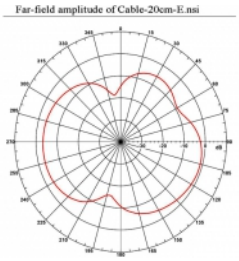
Images

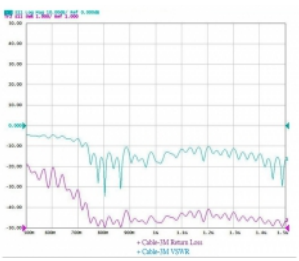

MARKER 1
650 MHz

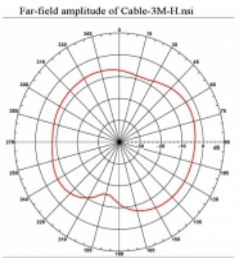

MARKER 1
650 MHz

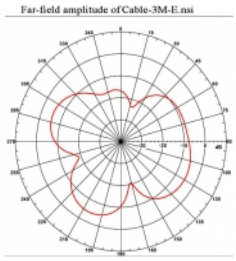


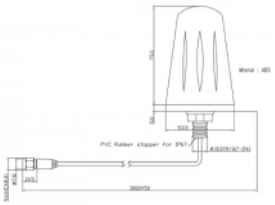

Far-field amplitude of Cable-20cm-H.nsi


Far-field amplitude of Cable-20cm-E.nsi




Far-field amplitude of Cable-3M-H.nsi


Far-field amplitude of Cable-3M-E.nsi



General	
Mounting type:	Screw mounting with 12.5 mm hole diameter
Protection category:	IP67
Suitable for outdoor:	yes
Interface	
connector:	1 x SMA plug
Technical characteristics	
Frequency range:	2.400 - 2.500 GHz
Antenna gain:	3 dBi
Gain:	3 dBi
Impedance:	50 Ω
Operating temperature:	-30 °C ~ 70 °C
Polarisation:	linear vertical
Power handling:	10 W
VSWR:	2.0
Physical characteristics	
Antenna type:	omnidirectional
Cable category:	coaxial
Cable type:	RG-174 U
Cable attenuation:	1.5 dB @ 1.5 GHz per meter
Cable colour:	black
Cable diameter:	2.7 mm
Cable length incl. connector:	3 m
Colour:	black
Thread type:	M12
Dimensions (LxØ):	75.0 x 53.5 mm