

LoRa Antenna 868 MHz SMA plug 0 dBi fixed omnidirectional with connection cable RG-174 3 m roof mounting outdoor black

Description

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



Item no. 89533

EAN: 4043619895335

Country of origin: Taiwan,
Republic of China

Package: Poly bag

Technical details

- 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 bore hole
- Thread length: 18 mm
- Protection class: IP67
- Cable: coaxial
- Cable type: RG-174
- Cable colour: black
- Cable attenuation: 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

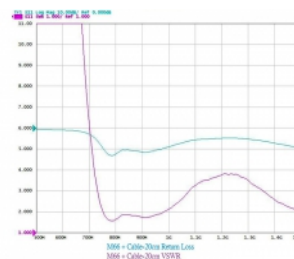
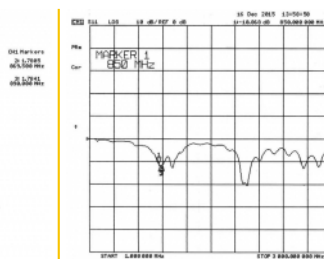
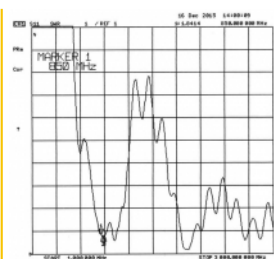
System requirements

- Device with a free SMA jack

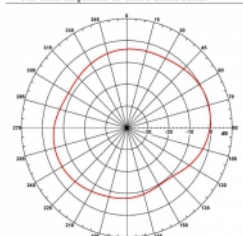
Package content

- Antenna

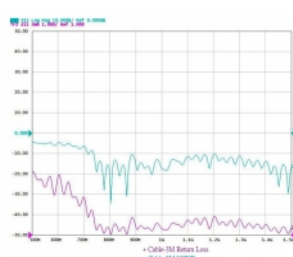
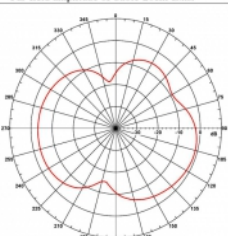
Images



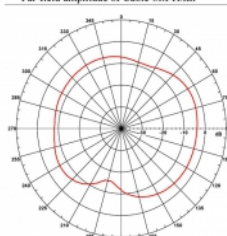
Far-field amplitude of Cable-20cm-H.nsi



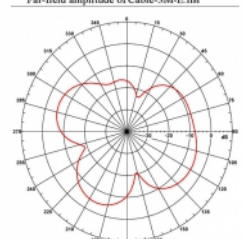
Far-field amplitude of Cable-20cm-E.nsi



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



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



General

Mounting type:	Screw mounting
Protection class:	IP67
Suitable for outdoor:	yes

Interface

Connector:	1 x SMA plug
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Technical characteristics

Frequency range:	868 MHz
Antenna gain:	0 dBi
Gain:	3 dBi
Impedance:	50 Ω
Operating temperature:	-30 °C ~ 70 °C
Polarisation:	linear vertical
Transmission power:	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 length incl. connectors:	3 m
Colour:	black
Thread type:	M12

Dimensions (LxD):	75.0 x 53.5 mm
Cable diameter:	2.7 mm

Manufacturer information

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