

Delock LoRa 868 MHz Antenna N jack 3 dBi 32 cm omnidirectional fixed pole mount white outdoor

Description

This antenna by Delock allows the usage of the 868 MHz band indoors and outdoors.



Specification

- Connector: 1 x N jack
- Antenna type: Collinear dipole array
- Frequency range: 860 - 870 MHz
- Antenna gain: 3 dBi
- Impedance: 50 Ohm
- Polarisation: linear, vertical
- HBW horizontal beamwidth: 360°
- VBW vertical beamwidth: 60°
- VSWR: 1.5
- Transmission power: max. 100 W
- Operating temperature: -40 °C ~ 80 °C
- Protection class: IP65
- Housing material: GFRP UV resistant
- Colour: white
- Length: ca. 32.0 cm
- Diameter: ca. 2.2 cm
- Weight:
 - antenna: ca. 145 g
 - mounting material: ca. 75 g

System requirements

- Device with a free N plug

Package content

- Antenna
- Mounting material

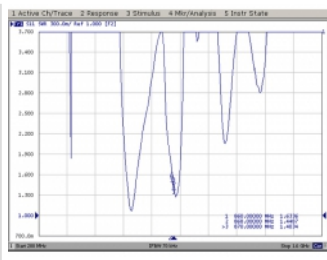
Item no. 89583

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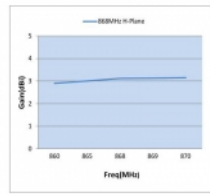
Country of origin: Taiwan, Republic of China

Package: Box

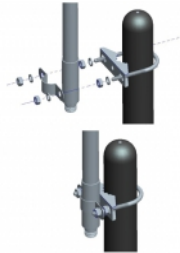
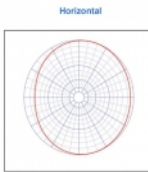
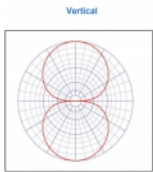
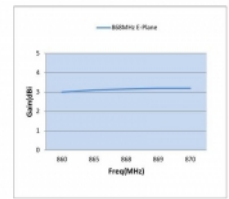
Images



H-Plane	
MHz	dB
860	3.1
868	3.12
870	3.15
Average: 3.12	



E-Plane	
MHz	dB
860	3
868	3.15
870	3.2
Average: 3.11	



General	
Mounting type:	pole
Protection category:	IP65
Suitable for indoor:	yes
Suitable for outdoor:	yes
Interface	
connector:	1 x N jack
Technical characteristics	
Frequency range:	860 - 870 MHz
Antenna gain:	3 dBi
Beam width horizontal:	360°
Beam width vertical:	60°
Impedance:	50 Ω
Operating temperature:	-40 °C ~ 80 °C
Polarisation:	linear vertical
Power handling:	max. 100 W
VSWR:	1.5
Physical characteristics	
Antenna type:	omnidirectional
Antenna length incl. magnetic base:	32 cm
Housing colour:	white
Housing material:	GFRP UV resistant
Weight:	220 g with mounting accessories
Diameter:	2.2 cm
Length:	32.0 cm