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INDUSTRIAL PRODUCT DATASHEET

Fiberglass Antenna Kit; 902-928MHz-3dBi with Antenna Base for Long Range Application

A 3dBi outdoor fiberglass antenna with base for 902-928MHz LoRa applications.

SKU	UPDATED	PRICE
318020652	2026-07-21 07:19:12	$29.90(Excl. VAT)



Overview



This fiberglass antenna kit provides a robust, water-proof solution for extending range in outdoor LoRa deployments. With 3dBi gain and 902-928MHz frequency, it easily connects to SenseCAP M1 gateways via included adapter.

Key Features

Features

- Average gain dBi: 3dBi
- Frequency range: 902-928MHz
- Length: 360mm
- Robust enough to tolerate outdoor environment and water-proof
- Compatible with **SenseCAP M1 Indoor Gateway**
- Comes with an antenna base (no magnetic)

Description

For some applications like in an urban environment or where large stretches of land have to be monitored the normal range of Long Range might not be enough. If you need to increase the range for your Long Range devices, then this outdoor Long Range Fiberglass antenna will be the ideal addition to your Long Range system. It's a robust solution to provide extra power and range for outdoor Long Range Base stations. The antenna has an average gain of 3dBi, a length of 360mm, and a frequency range from 902-928MHz. It comes with an antenna base as well.

The Antenna has an N-type male connector, and it comes with an N-type Female to RP-SMA male base so it can be easily connected to the SenseCAP M1 Gateways, which has an RP-SMA female connector.

Specification

Efficiency And Gain

Test Unit in Laboratory

Radiation Pattern

Product Gallery





Specification

Frequency	902-928MHz
Impedance	50Ω
VSWR	≤2.5
Gain	≤3dBi
Efficiency	60%
Beamwidth	360°
Connector	N-Type Male
Material	Fiberglass
Length	360mm
Operation Temperature	-20℃~65℃

Frequency(MHz)	Efficiency(%)	Gain(dBi)
902	79.46	3.07
904	79.73	3.12
906	80.31	3.18
908	80.93	3.24
910	80.80	3.25
912	80.54	3.26
914	80.40	3.27
916	80.92	3.31
918	80.93	3.33
920	79.85	3.26
922	79.38	3.26
924	79.16	3.30
926	78.33	3.26
928	76.70	3.14

Compliance & Logistics

HSCODE	8517707090
USHSCODE	8517710000
UPC	
EUHSCODE	8517620000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/LoRa-Fiberglass-Antenna-Kit-902-928MHz-3dBi-with-Antenna-Base-p-5130.html

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