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INDUSTRIAL PRODUCT DATASHEET

Fiberglass Antenna Kit with RP Cable; 860-930MHz-3dBi-360mm

Rugged IP67 fiberglass antenna kit with 360° omnidirectional coverage for 860–930 MHz outdoor LoRa and industrial wireless applications.

SKU	UPDATED	PRICE
100052125	2026-10-14 07:02:36	$27.00(Excl. VAT)



Overview



Designed for harsh outdoor environments, the Fiberglass Antenna Kit with RP Cable; 860-930MHz-3dBi-360mm features an IP67 fiberglass housing, operates from -40°C to +85°C, and resists corrosion and UV aging for long-term reliability. Its 360° omnidirectional coverage and standardized interface make it compatible with LoRa gateways, industrial routers, and SenseCAP solar nodes or gateways for extended range.

Key Features

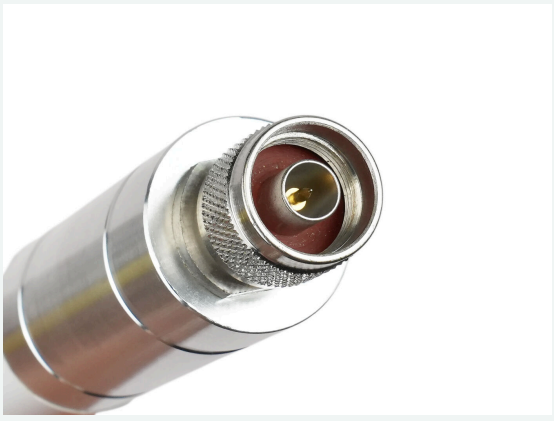
- Designed to withstand harsh weather conditions: The outer shell is made of fiberglass material and features IP67 waterproof capability, providing complete dust resistance and the ability to withstand immersion in 1m of water for 30 minutes, ensuring reliable performance in outdoor environments.
- Resistant to high and low temperatures: Whether in scorching summers or freezing winters, it operates stably. The operating temperature range is typically between -40°C and +85°C, adapting to various extreme climates.
- Anti-corrosion and anti-aging: The fiberglass material is naturally resistant to corrosion and UV radiation, ensuring no cracking, deformation, or rusting during long-term outdoor use, with a service life of up to ten years.
- 360° omnidirectional coverage: It provides horizontal 360° and a certain vertical angle of omnidirectional signal coverage, ensuring a stable connection regardless of the device's direction, making it ideal for use as a base station or access point.
- Strong compatibility: The standardized interface also ensures good compatibility with the vast majority of devices on the market that support this frequency band, such as LoRa gateways, industrial routers, and wireless data transmission radios.

Product Gallery











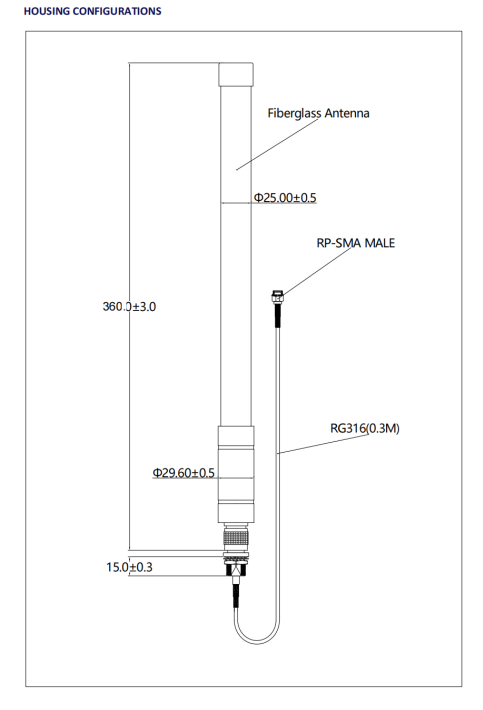


Specification

Frequency (MHz)	860-930
VSWR (Max)	1.7:1
Peak Gain, dBi	3.07

Peak Efficiency, %	75.37
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	10 Watts
Azimuth Beam Width (deg)	Omnidirectional
Polarization	Linear
Radome	White
Storage Temperature Range (°C)	-40° C to +85°C
Operational Temperature Range (°C)	-40°C to +85°C
Material Substance Compliance	RoHS Compliant

Hardware Overview



Applications

- **Outdoor Client Node Deployment:** Mounts directly onto the SenseCAP Solar Node P1 / P1 Pro for long-term, unattended outdoor operation. The extra 3dBi gain helps the node hold a stable mesh link even when mounted on a pole or wall far from other nodes.
- **LoRaGateway Range Extension:** Replaces the stock antenna on a SenseCAP LoRa Outdoor / Indoor Gateway to push coverage further across a farm, campus, or industrial site. Its 360° omnidirectional pattern keeps the gateway connected to nodes in any direction without repositioning.
- **Industrial-Grade Durability:** The IP67 housing and -40°C to +85°C rating keep it working through rain, heat, and freezing conditions.

Part List

3 dBi Antenna	x1
RP-SMA Cable	x1

Compliance & Logistics

HSCODE	8517710000
USHSCODE	8517710000
UPC	
EUHSCODE	8517180000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/3dBi-860-930MHz-Fiberglass-Antenna-p-6910.html
- Datasheet

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