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INDUSTRIAL PRODUCT DATASHEET

Fiberglass Antenna Kit For Helium; 902-928MHz; 5.8dBi; 800mm; RF Explorer RFELA-3/58X

Fiberglass Antenna Kit For Helium; 902-928MHz; 5.8dBi; 800mm; RF Explorer RFELA-3/58X with 5.8dBi average gain, 902-930MHz frequency range, 80cm length, mounting hardware, and 1m cable for outdoor Helium hotspot...

SKU	UPDATED	PRICE
318020691	2026-08-11 01:29:50	$49.90(Excl. VAT)



Overview



The Fiberglass Antenna Kit For Helium; 902-928MHz; 5.8dBi; 800mm; RF Explorer RFELA-3/58X offers an average gain of 5.8dBi across a 902-930MHz frequency range and includes an 80cm robust fiberglass antenna with mounting hardware and a 1m cable. It is designed for outdoor use with SenseCAP M1 / M2 and other Helium hotspots, suitable for agriculture, environmental monitoring, and urban monitoring applications.

Key Features

- Average gain: 5.8dBi
- Frequency range: 902-930MHz
- Length of 80cm
- Robust enough to withstand the harsh outdoor environment
- Fit for SenseCAP **M1**/**M2** and other Helium hotspots
- Includes hardware for mounting
- Comes with a 1m cable

Product Gallery







Applications

- **Agriculture**
- **Environmental Monitoring**
- **Urban Monitoring**

Part List

Frequency	902-930MHz
Impedance	50Ω
VSWR	≤2.5
Gain	5.8±1dBi
Max Efficiency	>78%
Radiation Pattern	Omni-directional
Connector	N-Type Male
Material	Fiberglass
Length	800±10mm
Operation Temperature	-30℃~65℃

Frequency Range	0-6000MHz
Impedance	50Ω
VSWR	<2.0
Insertion loss	<0.5dB @900 MHz
Insulation resistance	>15 MΩ
Voltage breakdown	>500V
External cable diameter	5mm
Connector	Type N Female Type RP-SMA Male
Conductor material	Copper
Binder material	Aluminum/PE Tape
Braid material	Tinned copper wire
Operation temperature	-40°C to + 65°C

Antenna	1*
CFD200 cable 1mt	1*
Mounting Bracket	1*
N Type to RP-SMA cable (compatible with Solar Node)	1*

Compliance & Logistics



HSCODE	8517707090
USHSCODE	8517710000
UPC	
EUHSCODE	8517620000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/RF-Explorer-LoRa-Fiberglass-Antenna-Kit-902-930MHz-5-8dBi-800mm-p-5275.html
- RF Explorer 915MHz 5.8dBi fiberglass antenna datasheet

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