

FEATURES

- Up to 90° flexibility
- ISM /LoRa
- RoHs Complaint

APPLICATIONS

- Smart Meters
- Remote Monitoring
- Industrial IoT

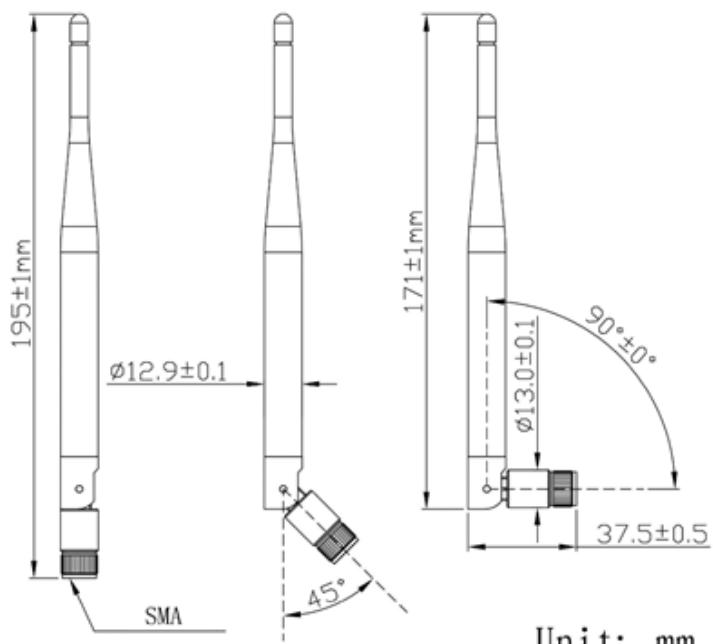


RoHS Compliant

includes all homogeneous materials
(see part numbering system for details)**SPECIFICATION**

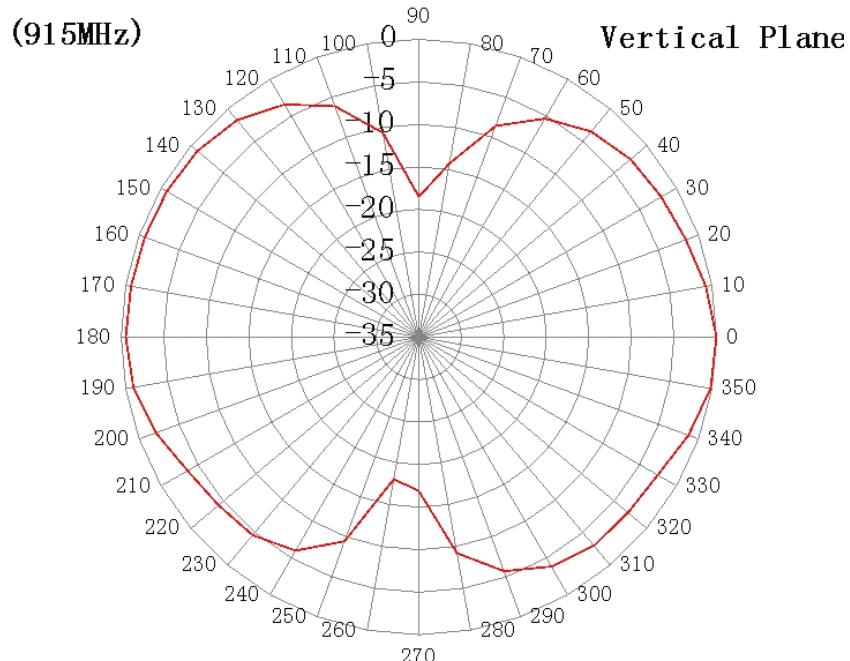
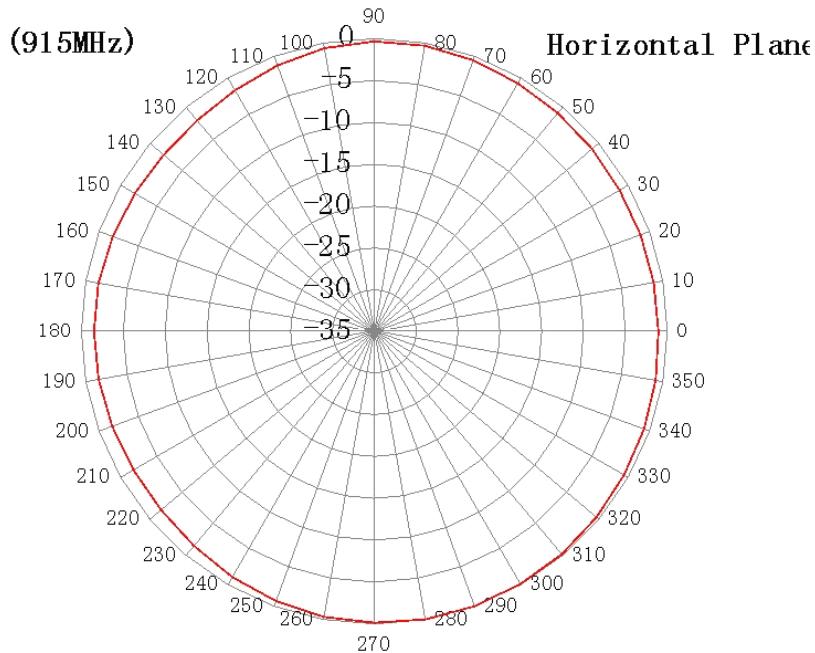
Electrical	
Frequency Range	915 MHz
Bandwidth	CF \pm 8 MHz
Polarization	Linear
Gain	3 dBi
V.S.W.R	<2.0
Impedance	50 Ω
Dimensions (mm):	
Body Length	195 \pm 1.0
Diameter	12.9 \pm 0.1
Connection Type	SMA Male
Mounting Method	Screw

NAN-E 195x12 B1 B M F
 ↓ ↓ ↓ ↓ ↓ ↓
 195x12 = Size (195 mm x 12.9 mm)
 NAN-E = Series
 B1 = 1 Band Frequency
 B=Version Code (See Page 3)
 M = SMA Connector
 F= RoHs compliant



Environmental	
Operating Temperature	-40°C~+85°C
Vibration	10 ~ 55Hz with 1.5mm Amplitude 2 Hours
RoHS Compliant	Yes

Radiation Patterns



Version History and Status

Version	Date Issued	Details	Status
A	March 3 rd , 2021	Initial Release Frequency = 868 MHz	Supported
B	March 3 rd , 2021	Initial Release Frequency = 915 MHz	Supported

Please reach out to NIC for any customization requests and other inquiries:

- NIC Technical Support: tpmg@niccomp.com
- Compliance Support: rohs@niccomp.com