

NFC Antenna



AFAR3026-SN



26.5 x 30 x 0.6 mm
RoHS/RoHS II Compliant
MSL = NA

Features

- NFC Antenna at 13.56 MHz
- Very thin, Low Profile structure
- Linear Polarization
- Easy integration using cable and IPEX connector

Applications

- IoT devices
- NFC payment readers
- Healthcare ID scanners
- Office ID
- Electronic wallets
- NFC data loggers transport
- Ticketing systems
- Electronic parking payments
- Industrial data collection
- Mobile Devices
- Access control

Electrical Specifications

| Parameters | Min. | Typ. | Max. | Units |
|---------------------|--------|--------|------|----------|
| Operating Frequency | | 13.56 | | MHz |
| Inductance | | 47.356 | | nH |
| Return Loss | 1.5 | | | dB |
| Polarization | Linear | | | |
| Impedance | 50 | | | Ω |

Environmental Characteristics

| Parameters | Description |
|-----------------------|----------------|
| Operating Temperature | -40°C to +85°C |

Mechanical Specifications

| Parameters | Description | Notes |
|--------------|-------------------|--------------|
| Cable type | Ø1.13 mm | Color: Gray |
| Cable length | 100 ± 2.0 mm | |
| Connector | IPEX | |
| Mounting | Double-sided tape | Not included |



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NFC Antenna

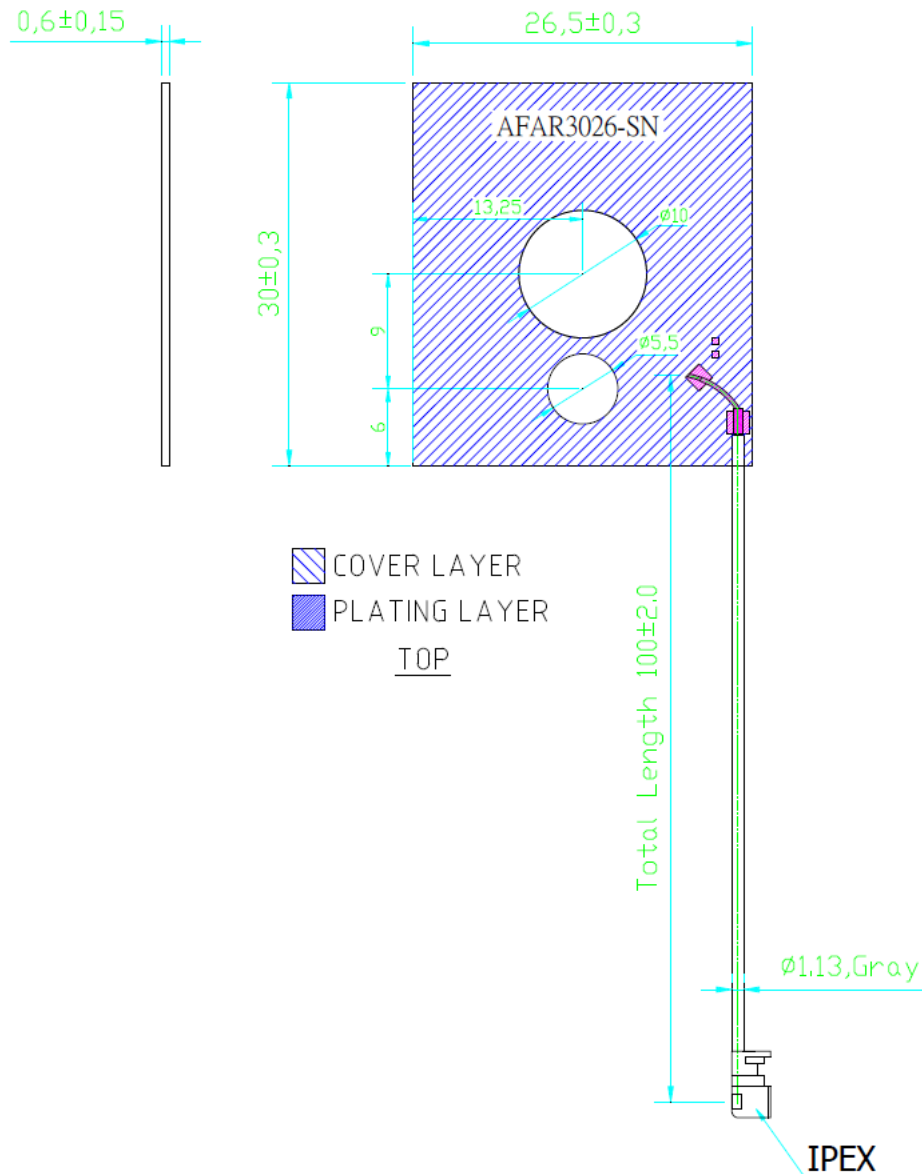


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Product Dimensions



(Unit: mm)

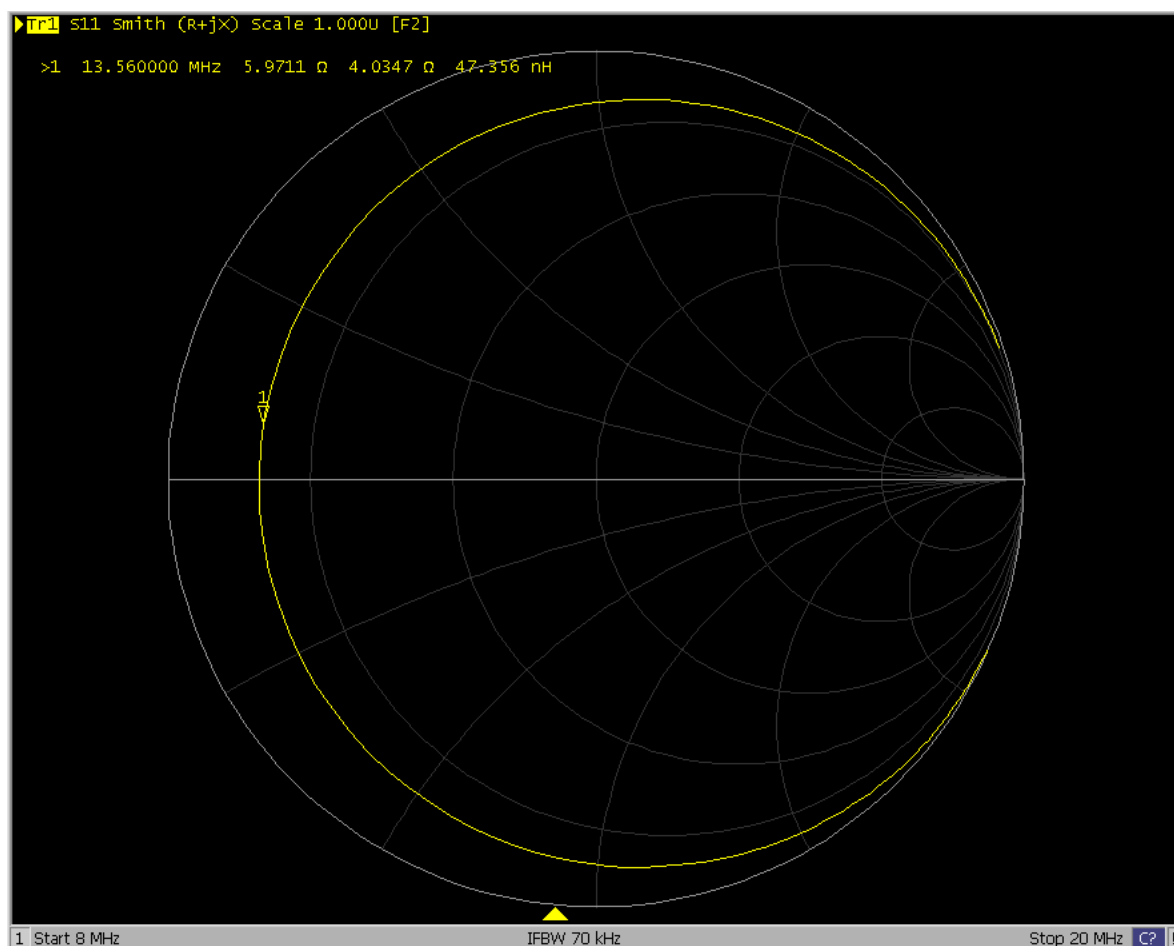


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Measurement – Smith Chart



Packaging

Each carton is 330 x 280 x 254 mm and has 3600 pcs of antenna.

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