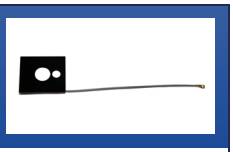
NFC Antenna



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	-40ºC to +85ºC

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

ABRACON LLC
5101 Hidden Creek Ln Spicewood TX 78669
Phone: 512-371-6159 | Fax: 512-351-8858
For terms and conditions of sales, please visit:
www.abracon.com

REVISED: 04.17.2020

ABRACON IS ISO9001-2015 CERTIFIED

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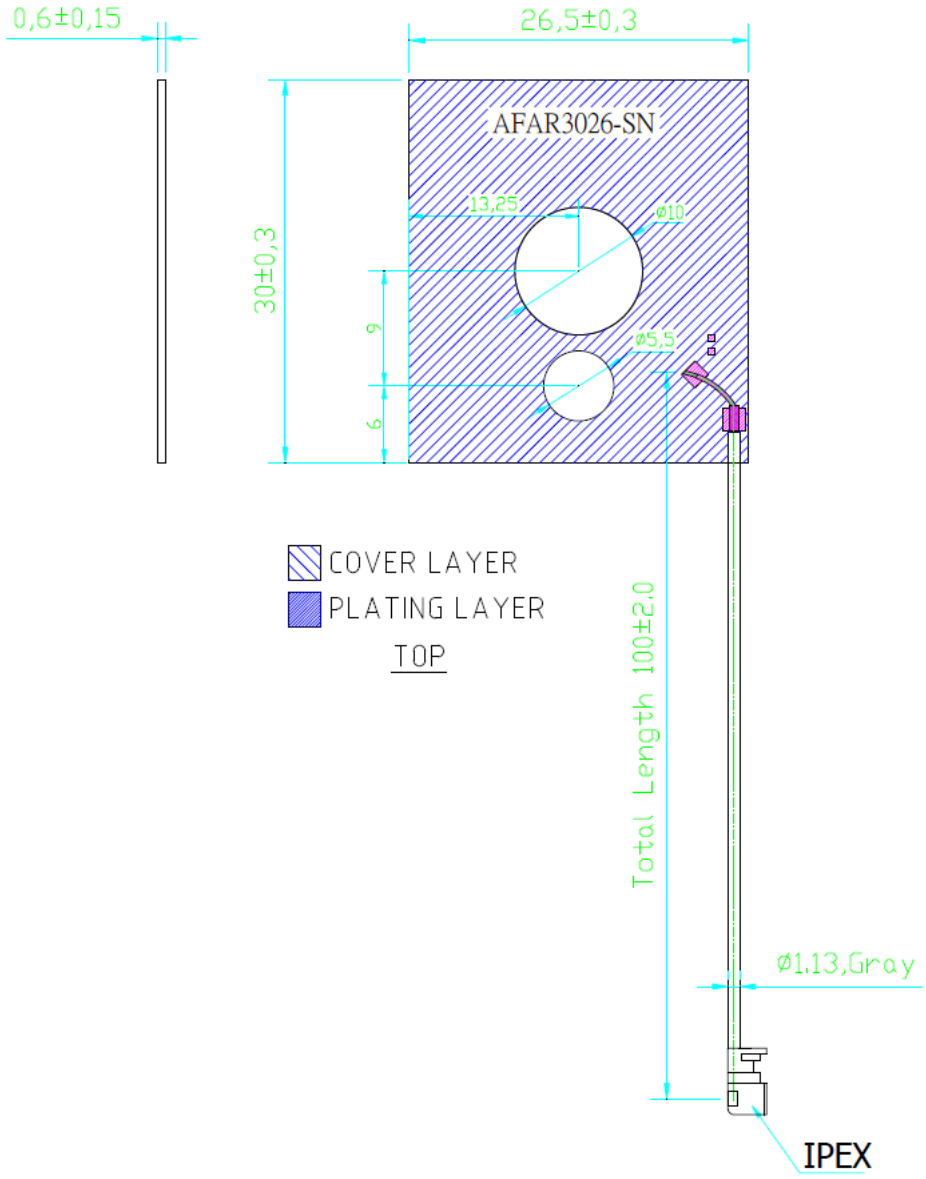
Product Dimensions



(Unit: mm)

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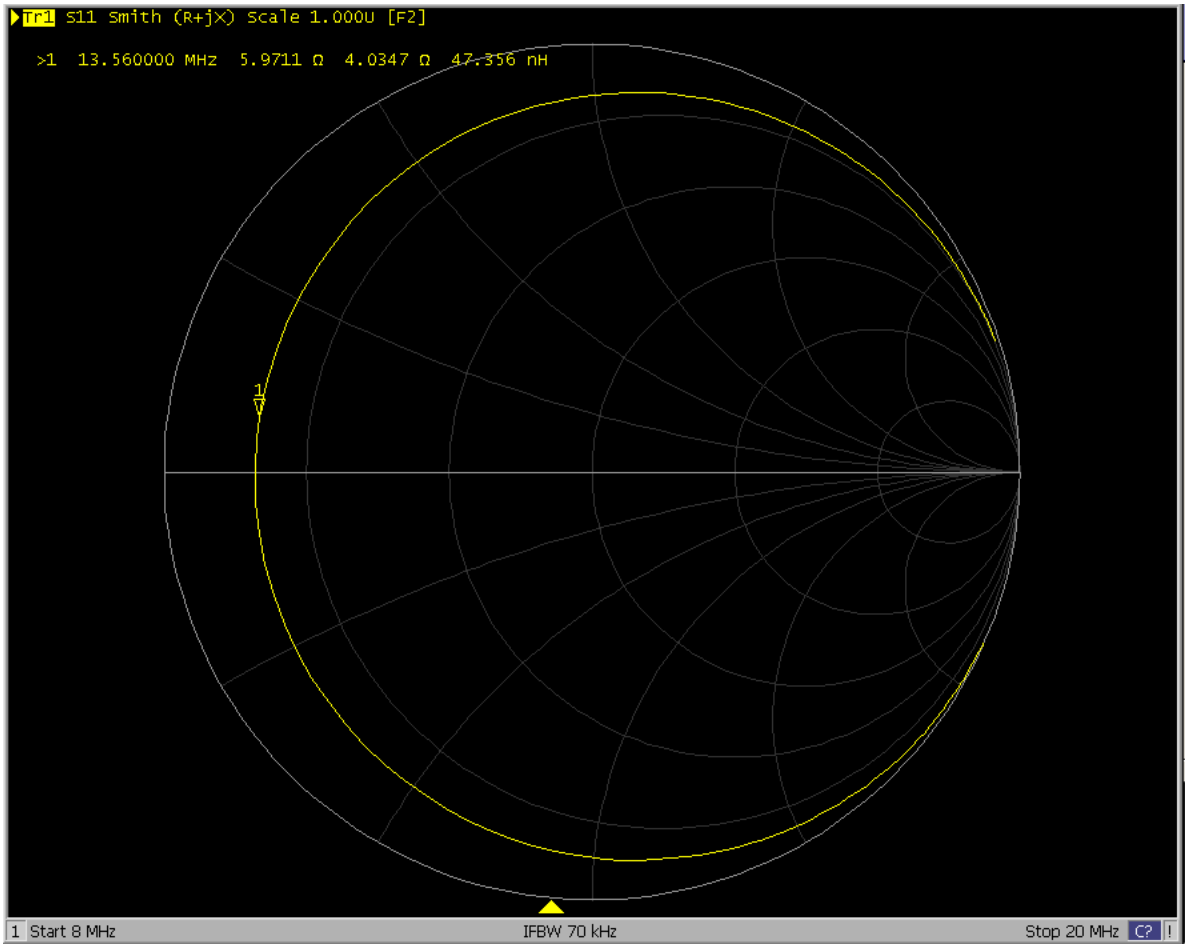
Measurement – Smith Chart



Packaging

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

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