

# Overview

## Frequency Band

NFC 13.56MHz

## Chip

NXP NTAG213

## Antenna Dimensions

D40mm/D1.57inch

## International Standard

ISO/IEC 14443A

## Applications

NFC

Electronics

Gaming and Toys

Product Authentication



This circle antenna represents an excellent option which is suitable for electronics, anti-counterfeiting, gaming and toys, any other NFC applications, etc.

Each NFC Label has a unique serial number, and the chip itself has an encryption algorithm, which encrypts the written data to prevent the data from being copied into counterfeit products

OSRFID has an in-house R&D team well equipped with state of art Lab equipment which can customize a suitable label for your real-world applications.

## Technical Features

Model	OS21063	OS22131	OS23439
Delivery Format	Dry Inlay	Wet Inlay	Label
Memory	180 Bytes	180 Bytes	180 Bytes
User Memory	144 Bytes	144 Bytes	144 Bytes
Die-cut Dimension	-	D45mm	D48mm
Inlay Substrate	50um PET	50um PET	50um PET
Standard Pitch	59.45mm	52mm	53.975mm
Web Width	52mm	60mm	65mm
Core Size	76.2mm/3inch	76.2mm/3inch	76.2mm/3inch
Quantity / Reel	10000 ± 300Pcs/Reel	5000 ± 2Pcs/Reel	2500 ± 2Pcs/Reel
Operating Temperature	-20°C to +50°C (20% to 80%RH)		
Remarks	Other size can be customized.		

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