



Joaneo

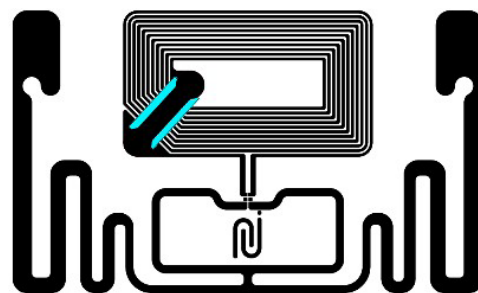
Printing Smart Inlays

COMBO UHF-NFC

This inlay brings together powerful RAIN RFID supply chain functionalities with seamless NFC consumer engagement and web authentication. It offers the possibility to manage the distribution channels and fight the black and grey market, while facilitating interactions with consumers throughout the life-cycle of the product, without compromise on consumer privacy.

GENERAL SPECIFICATIONS

- Frequency: 13.56 MHz (NFC), FCC 902-928 MHz / ETSI 865 MHz/ ASIA 950-956 MHz (UHF)
- IC: EM 4425 V12
- Protocol: ISO 15693, NFC Forum Tag Type-5, EPC Class 1 Gen2v2.1
- Substrate: Paper (e.g. wood-free cast-coated white high-gloss on one side, 100% PEFC certified) and PET. Alternative substrates upon request.
- Product available as inlay or antenna only



APPLICATIONS

Inventory and supply chain management

Customer engagement

Product authentication

Logistic

Industrial

PRODUCT CHARACTERISTICS

- Antenna material: Conductive silver ink
- Finishing options: dry inlays, wet inlays to your specific adhesive requirements upon request
- Customization upon request
- Final Inspection: 100% tested, faulty tags marked

RFID CHIP SILICON

EPC Memory: up to 96-bit

User Memory: up to 48-bit

Operating temperature range: -40 °C up to +85 °C

Read sensitivity: -24 dBm

Write sensitivity: -22 dBm

MECHANICAL DIMENSION

Antenna Size: 30 x 50 mm / 1.18 x 1.96 in

Label Size: 40 x 60 mm / 1.57 x 2.36 in

ABOUT US

Joaneo offers NFC and RFID antennas and inlays, printed on paper-based substrates, using an eco-friendly production process. All made in Luxembourg, from design to distribution.



JOANEO BY VICTOR BUCK SERVICES



IVY Building, 13-15, Parc d'Activités
L-8308 Capellen Luxembourg

Rue de l'Industrie,
L-3895 Mondcrange Luxembourg



(+352) 49 98 66 1



contact@joaneo.com



www.joaneo.com



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