

MEDIUM DIPOLE TARU8-P

This medium-sized PEFC paper-based UHF inlay suits a wide variety of applications in the field of retail and supply chain, logistics inventory management. Its compact size and read-range make it an excellent choice also for cosmetics, pharmaceuticals, and other items. This paper inlay can be recycled together with cardboard or paper packaging materials.

GENERAL SPECIFICATIONS

- Frequency: Global (860-960 MHz)
- IC: NXP UCODE 8, 8m
- Protocols: RAIN RFID/ ISO 18000-63 and EPC global Gen 2v2 compliant
- Substrate: cast-coated white high-gloss paper 80 g/m² (standard), PET on request
- Product available as antenna only, dry inlay, wet inlay, or wet white label

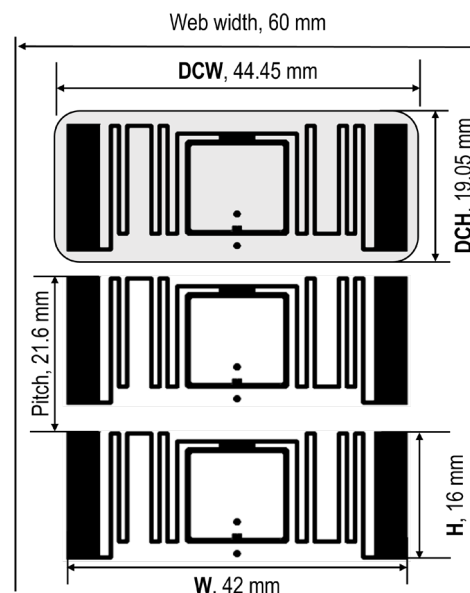
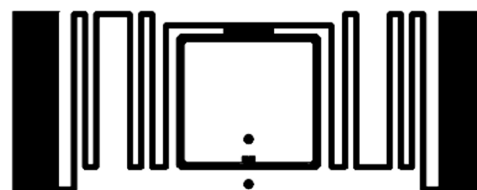
APPLICATIONS

Retail

Supply chain

Tracking
and tracing
of items in
logistics

Inventory
management



W: Antenna width H: Antenna height
DCW: Die-cut width DCH: Die-cut height

PRODUCT CHARACTERISTICS

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

RFID CHIP SILICON

EPC Memory: up to 128-bits

User Memory: up to 32-bits

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

Read sensitivity: -23 dBm

Write sensitivity: -18 dBm

MECHANICAL DIMENSION

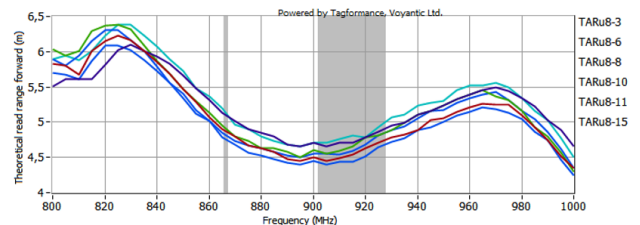
Antenna Size: 42 x 16 mm / 1.65 x 0.63 in

Label Size (wet inlay, wet white): 44,5 x 19.05 mm / 1.75 x 0.75 in

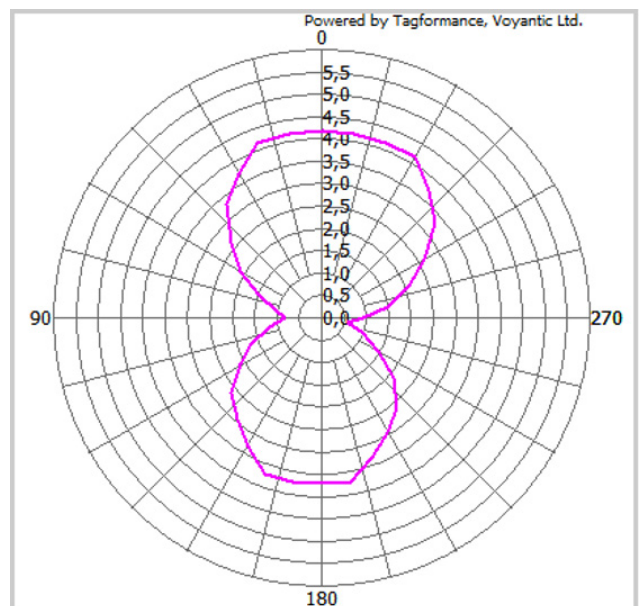
ABOUT US

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.

TAG READ PERFORMANCE



Type: Theoretical read range forward (meters)
Operating frequency: RAIN RFID Global band (860 - 960 MHz).



Type: Far-field radiation pattern (free-space)
Frequency: 860 MHz

All graphs serve as indicators; actual performance in real-life applications may vary. The data has been determined based on calculations for transmitters with standard output power levels and corresponding IC selection.

JOANEO BY VICTOR BUCK SERVICES



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

Rue de l'Industrie,
L-3895 Mondercange Luxembourg



(+352) 49 98 66 1



contact@joaneo.com



www.joaneo.com



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responsible forestry