

Thunder M7

GENERAL CHARACTERISTICS

Wet / White Wet Inlay dimensions: 103 x 28 mm
—Antenna dimensions: **99 x 24 mm**
Standard pitch: 31.75 mm

Operating frequency: Global (860 - 960 MHz)
Chip: IMPINJ Monza 700 series (750 / 730)
EPC Memory: 96 / 128 bits auto serialized
USER Memory: 32 / None bits
TID Memory: 96 bit with 48 bit unique serial number

Inlay substrate material: PET
Inlay-to-liner adhesive: SH3020 (Arconvert)
Liner material: CC62 (Arconvert)
Total thickness over chip: 170 microns

Standard web width: 110 mm
Unwind direction: Label side out

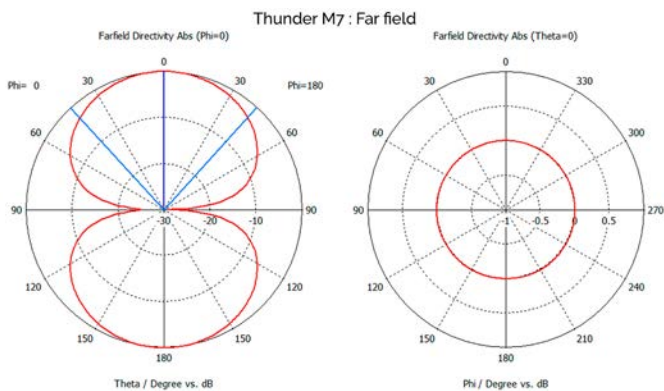
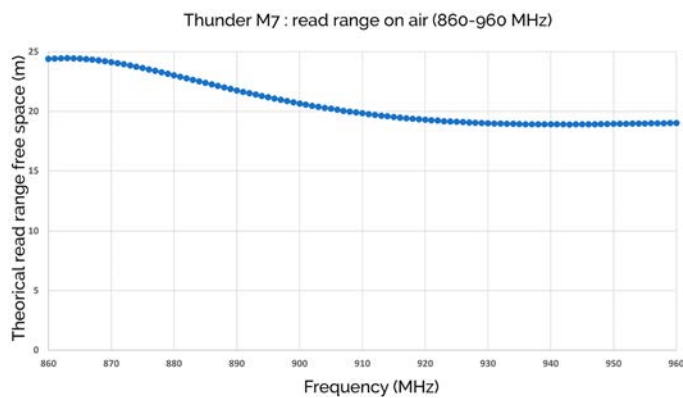
RF Protocol: RAIN RFID / ISO-18000-63 and EPC-global Gen 2v2 compliant
RoHS: EU Directive 2011/65 EU Compliant
Quality assurance: 100% read tested with out-of-tolerance inlay marked
Operating temperature: -40°C to 85°C

COMMON APPLICATIONS

Returnable transport units, supply chain, logistics, industrial automation.

Minimum order quantity: 10,000 pcs. Average of units per roll: TBD

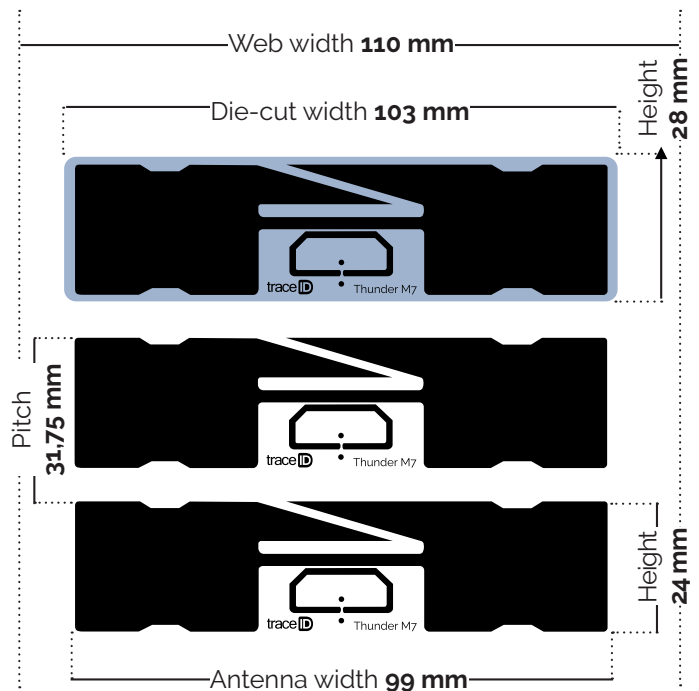
PERFORMANCE INDICATORS



All graphs are indicative; performance in real life applications may vary.

Trace-ID's UHF RFID tag Thunder M7 with IMPINJ M700 Chip series was developed to improve the performance of its predecessor and suits RFID solutions for **returnable transport units, supply chain, logistics, and industrial automation.**

MEASUREMENT AND FORMAT



CARE AND HANDLING RFID inlays are sensitive to ESD. Observe standard practices to keep environmental static charge to a minimum. APPLICATIONS This product should be tested by the customer/user thoroughly under end use conditions to ensure the product meets the requirements. Trace-ID does not represent that this product is fit for any purpose or use. PRODUCT CHANGES Trace-ID reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. © 2020 Trace-tech Id Solutions S.L. All rights reserved.