



Datasheet TX4216 U9



High Performance Global RAIN RFID Inlay for Enhanced Item Performance

Hana's comprehensive RAIN RFID (UHF) inlay program is tailored for use in applications across various industries, such as apparel/retail, agriculture and food production, and supply chain/logistics.

Ideal for numerous applications demanding exceptional performance.

Applications

- Inventory Management
- Supply Chain Automation
- Asset Management
- Loss Prevention

Industry Segments

- Retail
- (Industrial) Manufacturing
- Supply Chain & Logistics
- Healthcare

Overview

Antenna Size	42 x 16 mm (1.624 x 0.625")
IC	NXP UCODE9
EPC Memory	96-bit
User Memory	-
TID Memory	96-bit
Frequency Band	UHF 860 - 960 MHz
Protocol	EPC Global Gen 2v2 ISO/IEC 180000-63 Type C
Delivery Formats	Dry Inlay

Quality & Certification

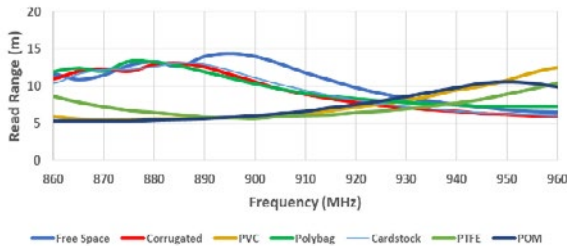
ARC Certified	-
Inspection	100% Tested
RoHS	EU Directive 211/65/EU and 2015/863 compliant

Technical Overview

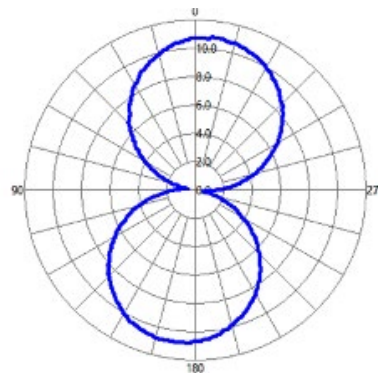
Dry Inlay	
Product Code	TX4216C50U9
Antenna/tag Size	42 x 16 mm 1.624 x 0.625"
Web With	50 mm 1.969"
Pitch	22,225 mm 0.875"
Inlays per Roll	55.000
Antenna Material	Aluminium
Inlay Substrate	50um PETm 9UM AI
Facesheet Properties	N/a
Adhesive Properties	N/a
Operating Temperatures	-40 to 85°C -40 to 185°F
Adhesive Application	N/a
Adhesive Service	N/a
Temperature (range)	



Read Range



Orientation Sensitivity



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Warranty: Please refer to Hana's UHF Labels standard terms and conditions. RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics / RFID to keep environmental impact and 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. Hana Technologies, Inc. does not represent that this product is fit for any particular purpose or use. The information contained herein is believed to be reliable but Hana Technologies, Inc. makes no representation concerning the accuracy or correctness of the data.

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