

UHF PCB ANTI-METAL TAG

- Product Specifications -



- **Model:** RS-PTD13
- **Material:** FR-4 (PCB)
- **Frequency:** (US) 902-928MHz
- **Size:** D13mm
- **Chip:** Alien Higgs-3
- **Protocol:** EPC Class1 Gen2, ISO18000-6C
- **Reading Range:** 1.5m (based on reader/writer and installation method)
- **Read/Write Times:** ≥100,000 times
- **Operating Temperature:** -40°C~100°C
- **Certifications:** Reach Approved, RoHS Approved, CE Approved

Product Description

RS-PTD13 is a UHF RFID tracking tag widely used in supply chain, offering advantages such as data collection, low labor costs, optimized operations, efficient working capital, security risk mitigation, and regulatory compliance. It provides a read range of up to 1.5 meters. Compliant with EPC Class 1 Gen 2 and ISO18000-6C, it delivers reliable performance in dense reader environments.

Technical Parameters

Physical Characteristics	
Material	FR-4 (PCB)
Size	D13mm (Hole: D2.0MM*2)
Thickness	2.0mm without IC bump, 2.8mm with IC bump
Color	Black (Red, Blue, Green, White)
Storage Temperature	-40~+150°C (-40~302°F)
Operation Temperature	-40~+100°C (-40~212°F)
Electrical Characteristics	
Frequency	(US) 902-928MHz
Chip Type	Alien Higgs-3
Memory	EPC 96bits (Up to 480bits) , USER 512bits, TID64bits
Read/Write Times	≥100,000 times
Data Storage	50 years
Reading Distance	1.5 m (depending on the tool and the depth of insertion into the slot; based on the example of being embedded in a metal surface with no metal obstruction)
*The final read range depends on RFID Reading equipment and application environment.	

★ Key Features

- Sturdy and durable;
- Compact size & metal-resistant;
- High-temperature resistant;
- Corrosion-resistant;
- Adhesive or screw;
- IP68 Waterproof.

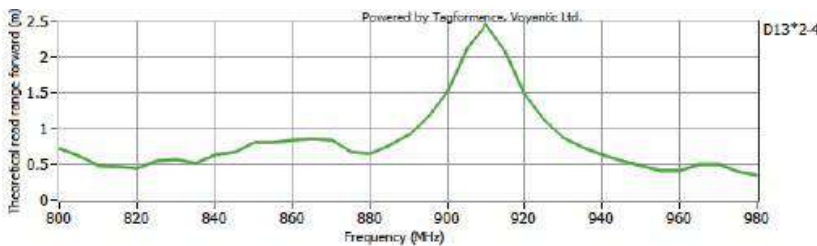
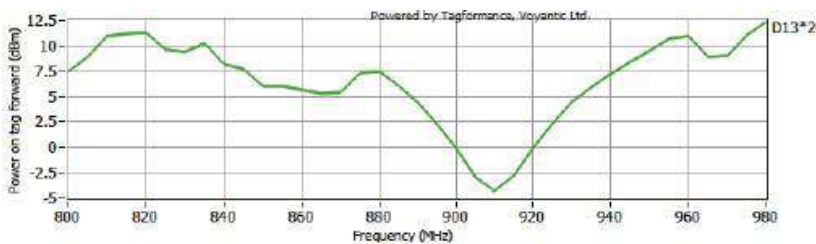
📦 Application

For building materials management and small metal equipment management, etc..



📊 Performance

Frequency: (US) 902-928MHz



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