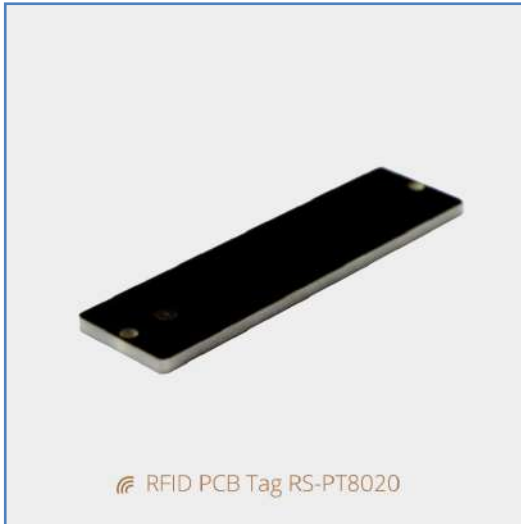


# UHF PCB ANTI-METAL TAG

## - Product Specifications -



- **Model:** RS-PT8020
- **Material:** FR-4 (PCB)
- **Frequency:** (US) 902-928MHz
- **Size:** 80x20mm, (Hole: D4.0mmx2)
- **Chip:** Alien Higgs-3
- **Protocol:** EPC Class1 Gen2, ISO18000-6C
- **Reading Range:** UP to 9m (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-PT8020 is an anti-metal UHF RFID tag for asset tracking. It is IP68 rated for outdoor use and has two mounting holes for flexible attachment, including soldering. It improves inventory efficiency and accuracy, and enables real-time pallet tracking.

## Technical Parameters

Physical Characteristics	
Material	FR-4 (PCB)
Size	80x20mm, (Hole: D4.0mmx2)
Thickness	3.55mm
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	10 years
Reading Distance	Up to 9 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;
- Metal-resistant;
- High-temperature resistant;
- Corrosion-resistant;
- Adhesive or Screw-Mounted;
- IP68 Waterproof.

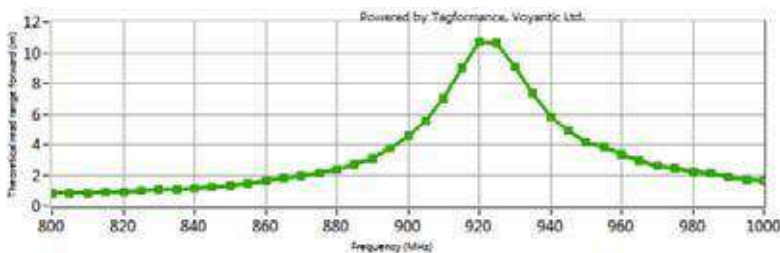
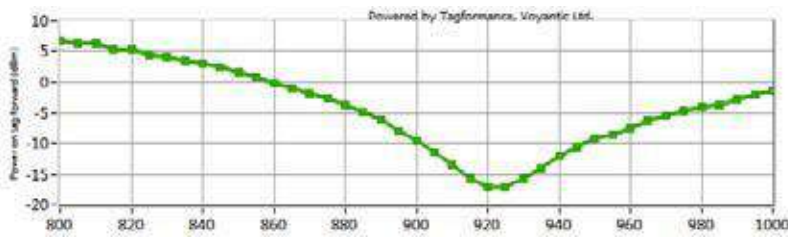
## 📦 Application

Tag it on pallet for RFID pallet tracking application, IT asset management, etc..



## 📊 Performance

Frequency: (US) 902-928MHz



## CONTACT

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