



Alien® Higgs® EC UHF RFID Label

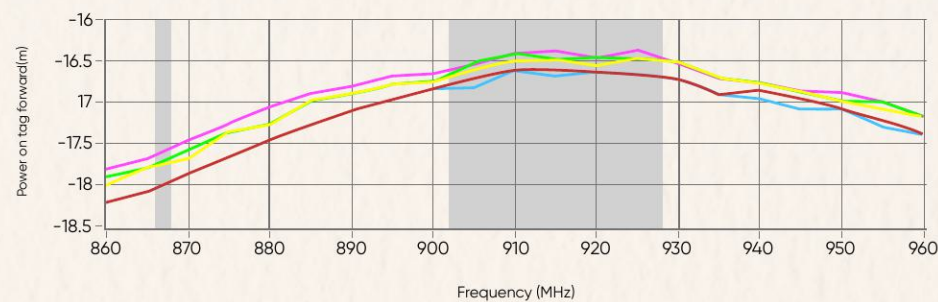


SKU:	RS-HEC-CP-9812
Chip Type:	Alien® Higgs® EC
Frequency:	UHF 860-960 MHz
EPC Memory:	96-128 bits
User Memory:	128 bits
Read Range:	Up to 13 m
Protocol:	ISO/IEC 18000-63, EPC Class 1 Gen 2
Certificate:	WEEE compliant
Industry:	Retail, Logistics, Industrial Applications
Applications:	Asset Tracking, Inventory, Warehouse

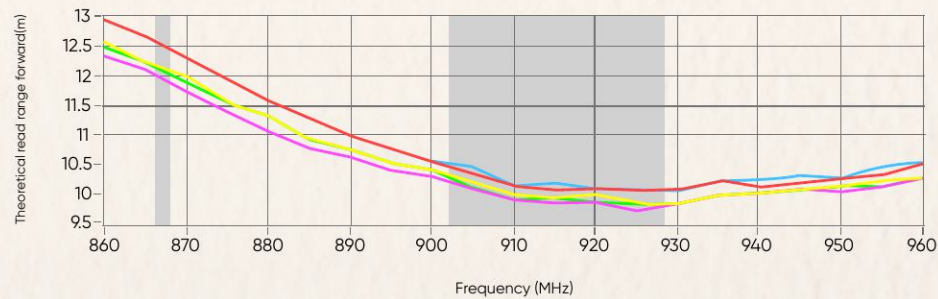


Introducing our cutting-edge UHF RFID label, powered by the Alien® Higgs® EC chip. With dimensions of 98x12 mm and full compliance with ISO/IEC 18000-63 and EPC Class 1 Gen 2 standards, this label is engineered to deliver robust, long-range tracking and precise data capture.

The integrated Alien® Higgs® EC chip ensures fast read rates and dependable data storage, raising the bar for performance in UHF RFID applications. It is the ideal solution for businesses seeking both efficiency and reliability in their tracking systems.



Reading Range Under Different Frequency



Physical Information

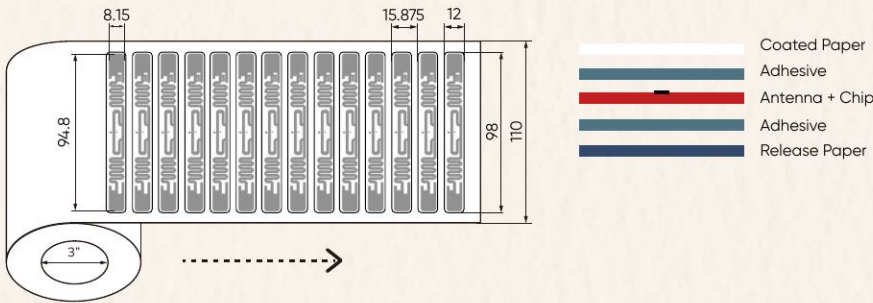
Material	Coated Paper
Label Size	98×12 mm
Antenna Size	94.8×8.15 mm
Operating Environment	Label attach: +10°C~+40°C, 20%~80% RH After label attached: -20°C~+50°C, 20%~80% RH
Storage Environment	+18°C~+28°C, 40%~60% RH
Mounting Method	Stick
Surface	Paper Carton, Plastic, Wood
Certificate	WEEE compliant
Handling Precautions	1.Do not bend. 2.Keep away from water and collision. 3.Labels with black-dot marks are bad ones,do not use.

Technical Information

Operating Frequency	860~960 MHz
Communication Protocol	ISO/IEC 18000-63, EPC Class 1 Gen 2
Read Range	Up to 13 m
Chip Type	Alien® Higgs® EC
EPC Memory	96~128 bits
User Memory	128 bits
Security Features	32-bit Access/Kill Password

Packing Information	Packing Format	Packed in roll, vacuummed packing in ESD bag
	Roll OD	Max. 114 mm
	Core ID	3 inch(76.20 ± 0.50 mm)
	Packing Quantity	2000 Pcs/roll, or as per request
	Packing Weight	1.08 kg/roll

Label Dimensions
(Unit: mm)



● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
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