



MAXDURA® STRIPE

RAIN RFID (UHF) Hard Tag for Air, Wood and Plastic

SMARTRAC MAXDURA™ STRIPE has been specially design with a rugged construction for high durability for asset tracking.

This RAIN RFID (UHF) hard tag, member of SMARTRAC's MAXDURA product family with global frequency tuning is most suitable for direct application on corrugated boxes and parts made of plastic and wooden.

MAXDURA STRIPE is a passive, battery-less transponder that provides a reliable read range and performance over 10m and is equipped with Alien Higgs-3 IC, including a user memory of 512 bit. It offers a flexible read/write range depending on the reader.

MAXDURA STRIPE housing is made of polycarbonate (PC) and can be easily fixed with screws or with an adhesive tape on the backside for easy attachment.

Due to its high resistance, it is very well suited to tap the benefits of passive RFID in challenging environments and demanding industrial applications.

Overview

Operating Frequency

860 – 960 MHz

Integrated Circuit (IC)

Alien Higgs 3

Dimension

120 × 17 × 3 mm

Material and Color

PC, White

International Standards

- ▶ EPC Class 1 Gen 2
- ISO 18000-6C

Application Areas

- ▶ Automotive
- ▶ Industry
- ▶ Supply Chain & Asset Management

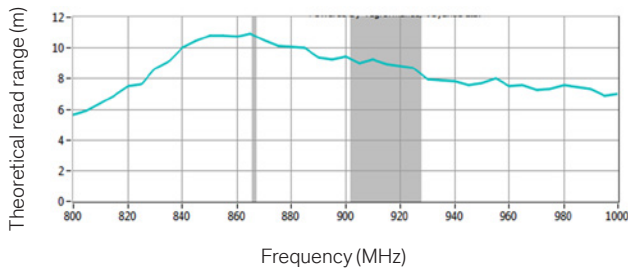
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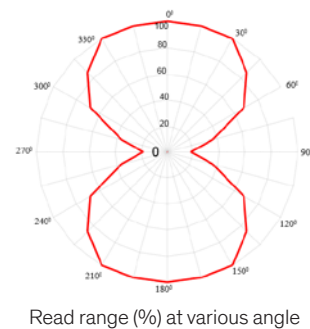
Technical Features	
IC + Memory*	Alien Higgs-3, EPC 96 bit extendable up to 480 bits 512 bit user memory Data retention of 50 years, Write endurance 100,000 cycles
Tag Size	120 × 17 × 3 mm
Weight	5 g
Options: Materials and Colors	PC, other materials e.g. PC/ABS, ABS upon request White, other colors upon request Adhesive backing for easy mounting
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
IP Class	IP67
Qty/Package	3,600 pcs. / MOQ 7,200

*Additional memory, protocol and product configurations are available upon request.

Frequency v/s Read Range



Relative Read Range vs. Orientation



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