



## Ro'Tag L UHF

Former reference : ABS D30 Rotag RFID UHF

The tag is **compatible with use on and off metal** surface.

With its design, packaging and sealing of ABS, the Ro'Tag L UHF is commonly used in industrial environments subjected to high mechanical strengths.

Fixing the tag is easy thanks to its central hole and it has an optional adhesive setting.

The Ro'Tag L UHF embarks RFID on Alien Higgs 3 chip. It is also available with [HF technology](#).

### Key features

- 865-868 MHz (EU) or 902-928 MHz (US)
- Resistance to water, cleaning products, vibrations
- Durable IP68 rating in a lightweight form factor

### Applications

Identification and traceability in several areas such as: manufacturing, transportation, handling, maintenance, equipment, safety ... Using ferrous and nonferrous environment for a short reading.

## Functional specifications

Type	UHF
Frequency	865-868 MHz (EU) or 902-928 MHz (US)
Air interface protocol	ISO 18000-6C EPC Class1 Gen2
IC Type	Alien Higgs-3
Memory	EPC 96 bits (up to 480 bits) User 512 bits TID 64bits
Data retention	Up to 50 years
Write Cycles	100 000 times
Functionalities	Read/write

## Physical specifications

Dimensions / Weight	Diameter 30 mm. Height 4 mm. Central hole 5 mm diameter
Tag Material	ABS
Applicable surface	On/off metal
Color	Black

## Environmental and industry compliance

IP classification	IP68
Temperature scale	-40°C to +85°C

Non-contractual datasheet  
V3.0