

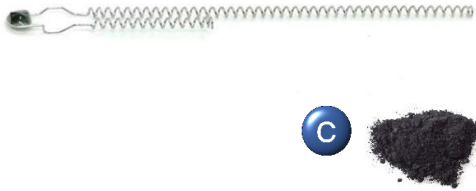
UHF Tire Tag PMT-310/U9



- The unique antenna using carbon black to increase gain enables wide-band and high reading performance in tire rubber.

- Due to special antenna structure, in normal cases, the length of antenna doesn't need to adjust/cut upon tire recipe.

- Unlike general dipole tags, there is no need to provide an insulating rubber layer when embedding the tag.

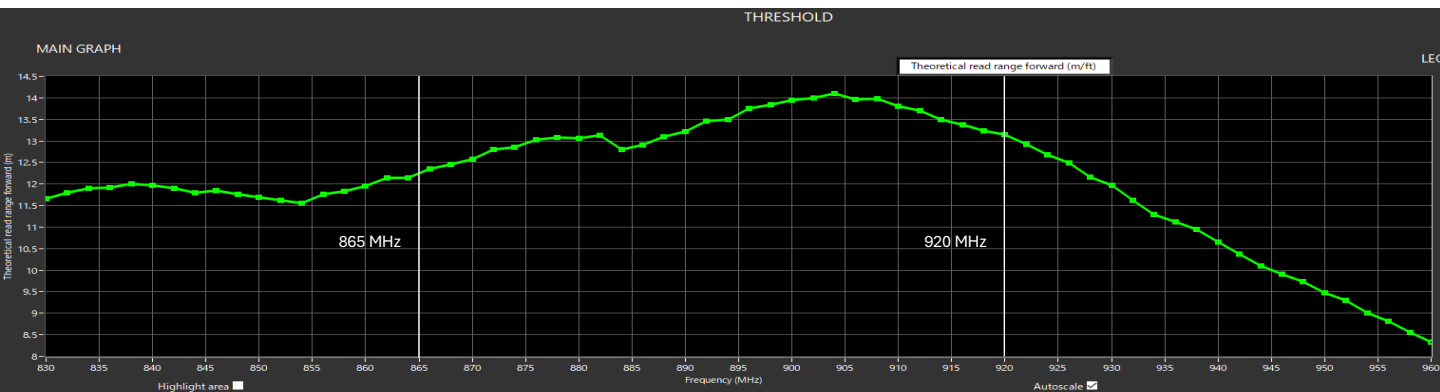


Specifications

Model	PMT-310/U9
Product	Embeddable passive RFID tag for tire
Operating Frequency	UHF Global band 860 - 930 MHz
IC	NXP UCODE 9xe
Protocol	EPC global Class1 Gen2 compliant (ISO/IEC18000-63)
Memory	EPC: Up to 128-bit / USER: None
Reading Distance	About 1m – 8m (embedded in tires) *Depends on spec of tires, embedded position, spec of R/W, etc.
Size	About 51.5 x 4 mm, T = 2 mm
Operating Temp.	-40 °C to +85 °C
Durability test	Passed various fatigue tests, drum tests, thermal shock tests, etc.
Packaging form	Reel packaging with embossed carrier tape (2,000pcs/reel)
Certificates	ISO 20909 / ISO 20910
Remarks	- Designed for embedding in tires, performance can not be demonstrated in free air. - It is better to embedded in carbon black-containing rubber than insulating rubber.



Reading distance data (REF)



Manufacturer:



Phoenix Solution Co., Ltd.

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