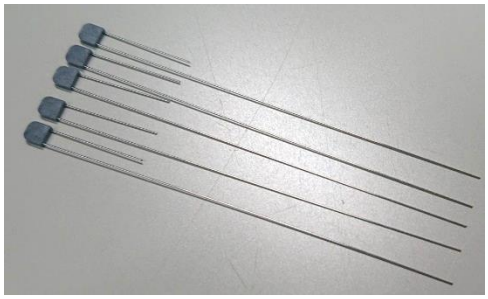
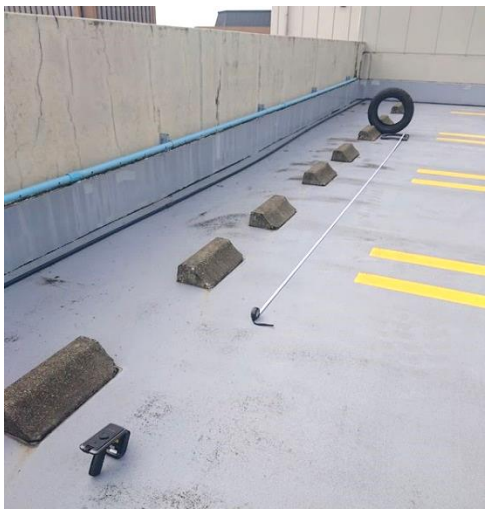
UHF Embeddable Tire Tag

PMT-210

RFID

- New Designed Tire Tag with embedded condition -





- New type antenna adjusted to tire:

We established a unique antenna structure that utilizes the carbon black in the tire for wireless communication.

- One size fits all solution:

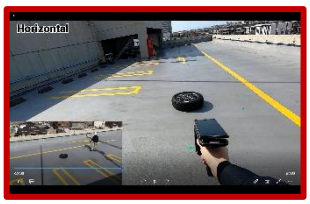
Due to our unique antenna structure, in principle, there is no need to adjust the antenna length (frequency adjustment) according to the rubber composition.

- No insulating rubber layer required:

PMT-210 performs by embedding in rubber close to the conductor. Unlike dipole antenna tags, there is no need to provide a layer of insulating rubber.

We are releasing reading demonstration movie!

YouTube Link
https://youtu.be/uCLL_mu3iOg



Model	PMT-210
Product	Embeddable passive RFID tag for tire
Operating Frequency	860 - 920 MHz
IC	NXP UCODE 7xm+
Protocol	EPC global Class1 Gen2 compliant (ISO/IEC18000-63)
EPC Memory	Max 448 bits
User Memory	2048 bits
Reading Distance	About 1m – 5m (Embedded in tires) *Depends on Spec of tires, embedded position, Spec of R/W, Surroundings
Weight	About 0.05 g
Operating Temperature	-30 °C to +85 °C
Storage Temperature	-40 °C to +120 °C
Cold Temperature Test	-40 °C, 24 hours
High Temperature Test	+120 °C, 24 hours
Remark	- Designed for embedding in tires, performance can not be demonstrated in free air. - It is better to embedded in rubber close to the conductor than insulating rubber.

*Design and specifications are subject to change without notice.

Manufacturer:

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