UHF Ceramic PCB RFID Tag MPT18 (18 × 18 mm)

Model MPT-18 · Brand: Identium



An 18 × 18 × 2.5 mm ceramic UHF RFID tag that reads on metal, for discreet tagging of surgical equipment, weapons, IT assets and small equipment. Weighs 4 g and operates from –40 °C to +250 °C.

KEY FEATURES

- **18 × 18 × 2.5 mm and 4 g: small enough to stick on or embed**
- **Ceramic construction with good read performance on metal**
- Operating temperature –40 °C to +250 °C
- Up to 6 m read range (reader dependent)
- Impinj Monza 4QT chip, EPC Class 1 Gen 2
- Fix with adhesive or embed in the item

APPLICATIONS

Surgical equipment tracking | Weapon management | IT asset tracking | Small equipment tracking

SPECIFICATIONS

Model	IDTS-MPT18
Frequency	865–868 MHz (ETSI/India), 902–928 MHz (FCC), 950–956 MHz (Asia)
Protocol	EPC Class 1 Gen 2
Chip	Impinj Monza 4QT (M4QT)
Memory	EPC up to 480 bits
Data retention	50 years
Write endurance	100,000 cycles
Read range	Up to 6 m (reader dependent)
Dimensions	18 × 18 × 2.5 mm
Weight	4 g
Material	Ceramic
Mounting	Adhesive or embedded
Operating temperature	–40 °C to +250 °C
Storage temperature	–45 °C to +250 °C
Operating mode	Passive (no battery)