

RFID Global Ultra-High Frequency Solutions >

Molex's Global Ultra-High Frequency Solutions offer Molex RFID tags in a variety of frequencies and designs to enable cost-effective, versatile, efficient and accurate monitoring of valuable inventory and assets.

FEATURES AND ADVANTAGES

| | |
|------------------------|----------------------------|
| Frequency | 860 to 960 MHz |
| Band | Ultra-High-Frequency (UHF) |
| Read Range | up to 7.9m/26 ft. |
| User Memory | 32 or 512 bits |
| Attachment Method | Adhesive and/or screw |
| Operating Temperatures | -40 to +85°C |



53 X 44 RAIN RFID TAG FOR METAL SURFACES

IP68 Rating

Meets industry standard protection from water and dust ingress for use in harsh environments

Tags in Multiple Package Sizes



FLEXIBLE RFID TAG FOR NON-METAL SURFACES

Global Frequency

From 860 to 960 MHz; accommodates a wide range of applications globally

Customizable Appearance

Ensures easy identification, with laser or inkjet engraving available

MARKETS AND APPLICATIONS

Healthcare

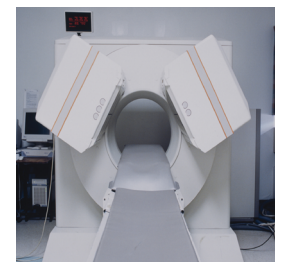
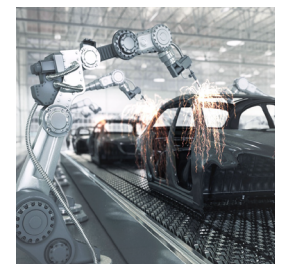
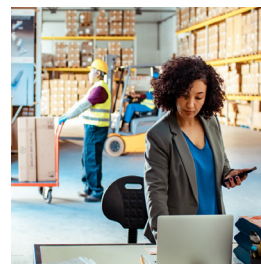
- Inventory control equipment
- Medical devices
- Medication notification systems

Industrial

- Asset and inventory tracking systems
- Logistics equipment
- Real-time location (RTL) systems

Automotive

- Rental unit tracking devices
- Vehicle tracking equipment



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SPECIFICATIONS

RAIN RFID Tag for Metal Surfaces

Reference Information

Series Number: 13516

Physical

Material: Gray Nylon

Applicable Surface: Metal

Attachment Method:

Adhesive; Screw**

Operating Temperatures: -40° to 85°C

Storage Temperatures: -40° to 120°C

Electrical

RF Interface Protocol: EPC Class1 Gen2 V2/ISO 18000-6C

Operating Frequency: 865 to 928 MHz

Read Range:* 7.9m

Memory: EPC 128 bits/TID 96 bits

Flexible RFID Tag for Non-Metal Surfaces

Reference Information

Series Number: 13528

Physical

Material: Yellow thermoplastic vulcanizate (TPV)

Attachment Method: Cable tie (not included, sold separately)

Operating Temperatures: -40° to 70°C

Storage Temperatures: -40° to 70°C

Electrical

RF Interface Protocol: EPC Class1 Gen2 V2/ISO18000-6C

Operating Frequency: 860 to 960 MHz

Read Range:* 7.9m

Memory: EPC 128 bits/TID 96 bits serialized

**Distance was read using a production FEIG NFC HF reader in a controlled environment. Read performance may vary in final application.*

***Not included, M5 is recommended*

www.molex.com/link/rfid.html