

# RFID UHF ROD



APK Identification UHF Rod Tag Ø6x35mm is passive UHF RFID rugged hard tag that delivers exceptional performance specially when attached or inserted inside wood or plastic. The tag meets all requirements in terms of heat, pressure and chemical resistance in the applications concerning wood log tracking that faces harsh condition during various process.

**Features:**

- Works seamlessly at both ETSI and FCC frequency
- The tag is built to withstand harsh environment & chemical exposure
- Dust and Waterproof
- Works seamlessly on all non metallic surfaces.

**Applications:**

- Wood Log tracking
- Tree identification
- Furniture and Asset tracking
- Returnable assets
- Office Assets
- Inventory control

**Tag Specification Data**

	<b>Ultra-High Frequency</b>
ISO Protocol	ISO 18000-6C, EPC Class1 Gen2
Operating Frequency	860-960MHz
IC Type	Alien, NXP, Impinj
Memory	IC dependent
Data Retention	Up to 50 years
Programming Cycle	Up to 100,000 cycles
Material	Special Thermoplastics
Dimension	Ø6 x 35mm

**Environmental Test Data**

Ingress Protection	IP68
Storage Temperature	-20°C to +80°C
Operating Temperature	-5°C to +80°C
Vibration Resistance	Excellent
Shock Resistance	Excellent
Impact Resistance	Excellent
Chemical Resistance	Highly resistive to Washing agents, Ethanol, Detergents, Oils and greases.

Data Sheet

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