

# DHI-PJTX09-0A

RFID Antenna 09



### Series Overview

The RFID Reader Accessories consists of components and consumables that are essential for outdoor perception systems. It includes antennas, illuminators, feeder cables and electronic tags, and is specifically designed to work in conjunction with RFID readers.

### Technical Specification

#### Physiscal

|                       |                                                                  |
|-----------------------|------------------------------------------------------------------|
| Product Dimensions    | 270 mm × 270 mm × 82 mm (10.63" × 10.63" × 3.23")<br>(L × W × H) |
| Net Weight            | 1.8 kg (3.97 lb)                                                 |
| Gross Weight          | 1.9 kg (4.19 lb)                                                 |
| Operating Frequency   | 902 MHz–928 MHz                                                  |
| Anntenna Polarization | Circular polarization                                            |
| Antenna Gain          | 9 dBi                                                            |
| Beamwidth             | 60°/55°                                                          |
| Input Impedance       | 50Ω                                                              |
| VSWR                  | ≤1.3                                                             |
| Front-to-Back Ratio   | 17dB                                                             |
| Max Input Power       | 20 W                                                             |
| Lightning Protection  | DC grounded                                                      |
| Connector Type        | N-Type Female                                                    |
| Operating Temperature | −40 °C to +60 °C (−40 °F to +140 °F)                             |

- Wide range, high gain, low VSWR, and excellent angular directivity.
- Strong waterproof and corrosion resistance, with excellent climate adaptability.
- IP66 rated.
- Wide operating temperature ranging from −40 °C to +60 °C
- Antenna Gain: 9 dBi.

### Scene

When paired with the Integrated Antenna Reader, it is suitable for locations such as the entrances and exits of parking lots and warehouses.

### Ordering Information

| Type           | Model         | Description     |
|----------------|---------------|-----------------|
| reader antenna | DHI-PJTX09-0A | RFID Antenna 09 |

### Dimensions (mm[inch])

