

# On-Metal RFID Antenna

AZ-DA2803/07/09/10-BL



## Key Features

**Operating Frequency**  
HF 13.56MHz

**International Standard**  
ISO 15693

**Radio Frequency Interface**  
SMA

**Reading Distance (Max)**  
35cm / 35cm / 40cm / 45cm (Optional)

## 1. Product Overview

An electronic on-metal RFID antenna designed specifically for desktop applications. This series of products effectively controls the induction area on the front of the antenna, preventing misreading of electronic tags outside the antenna. The antenna adopts an anti-metal design, which can be used on a metallic desk without affecting its performance. The product is widely used in fields such as book/document management, jewelry inventory tracking, chips anti-counterfeiting and exchange, and store counter settlement.

## 2. Specification

### 2.1 Physical Characteristics

SKU	AZ-DA2803-BL	AZ-DA2807-BL	AZ-DA2809-BL	AZ-DA2810-BL
Dimensions (L×W×H)	445×365×17mm	360×275×17mm	500×230×17mm	334×334×17mm
Shell Material	PCB & ABS & aluminum			
Weight	3100g	1800g	2150g	2120g
Feeder Length	2.5m			
Radio Frequency Interface	SMA			

### 2.2 Performance

Operating Frequency	13.56Mhz			
Communication Protocol	ISO 15693			
Antenna Impedance	50Ω			
Maximum Supporting Power	2W			
Reading Distance (Max)	45cm	35cm	35cm	40cm



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