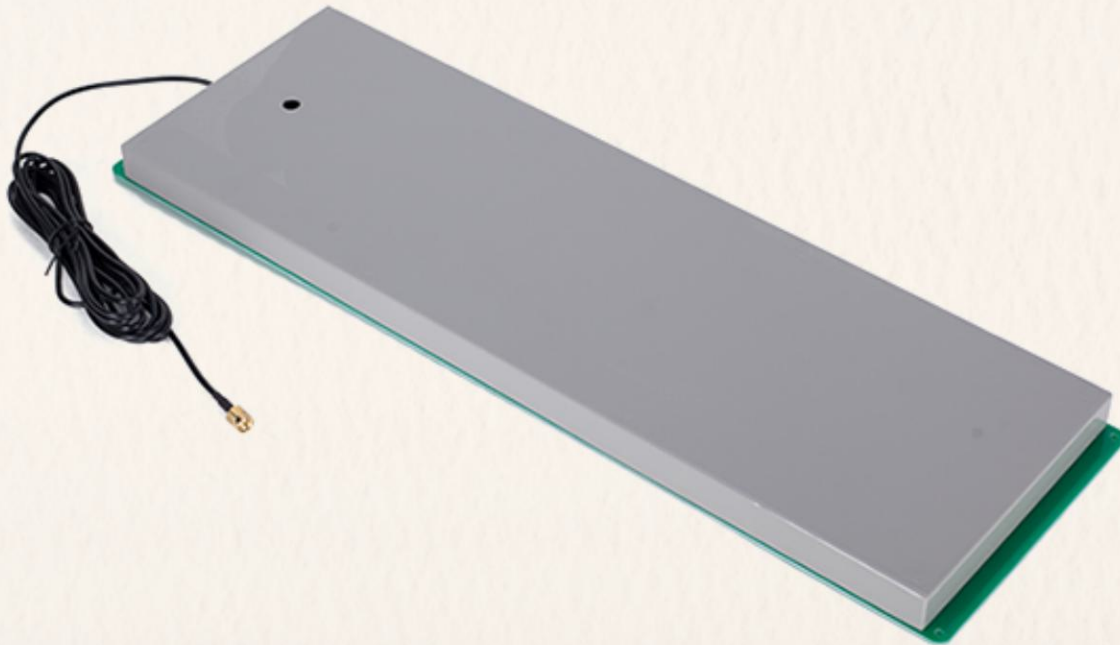




RS-EA2602-BL



RS-EA2603-BL



RS-EA2606-BL

## HF Embedded On-Metal RFID Antenna



|                            |                                                                                                                      |
|----------------------------|----------------------------------------------------------------------------------------------------------------------|
| SKU:                       | RS-EA26                                                                                                              |
| Frequency:                 | HF 13.56 MHz                                                                                                         |
| Protocol:                  | ISO/IEC 15693                                                                                                        |
| Read Range:<br>(2W)        | RS-EA2602-BL: Up to 20 cm<br>RS-EA2603-BL: Up to 22 cm<br>RS-EA2606-BL: Up to 32 cm                                  |
| Radio Frequency Interface: | SMA                                                                                                                  |
| Industry:                  | Retail, Industrial Applications,<br>Logistics, Healthcare, Aviation,<br>Laboratory                                   |
| Applications:              | Asset Control, Metal, Tracking,<br>Security and Identity Verification,<br>Anti-counterfeiting verification, Checkout |

Unlock the full potential of RFID technology with the HF Embedded On-Metal RFID Antenna RS-EA26 (ISO/IEC 15693) – a solution built to thrive where others fail. Specially designed for metal-rich environments, this high-frequency antenna ensures flawless data capture, fast response times, and seamless system integration, giving your business a competitive edge in asset tracking and identification.

Whether you're managing industrial tools, medical instruments, logistics assets, or sensitive equipment, this antenna guarantees reliable performance and long-term durability, even in the harshest conditions. By combining ISO/IEC 15693 compliance with advanced engineering, it transforms challenges into opportunities, helping your business achieve greater efficiency, accuracy, and customer trust.

|                      |                           |                   |                |                 |
|----------------------|---------------------------|-------------------|----------------|-----------------|
| Physical Information | Model                     | RS-EA2602-BL      | RS-EA2603-BL   | RS-EA2606-BL    |
|                      | Dimensions(L×W×H)         | 175×89×26.5 mm    | 370×80×21.5 mm | 450×140×21.5 mm |
|                      | Weight                    | 310 g             | 530 g          | 1410 g          |
|                      | Shell Material            | PCB & Sheet Metal |                |                 |
|                      | Cable Length              | 2.5 m             |                |                 |
|                      | Radio Frequency Interface | SMA               |                |                 |

|                       |                          |                                                                                     |
|-----------------------|--------------------------|-------------------------------------------------------------------------------------|
| Technical Information | Operating Frequency      | 13.56MHz                                                                            |
|                       | Communication Protocol   | ISO/IEC 15693                                                                       |
|                       | Read Range(2W)           | RS-EA2602-BL: Up to 20 cm<br>RS-EA2603-BL: Up to 22 cm<br>RS-EA2606-BL: Up to 32 cm |
|                       | Antenna Impedance        | 50Ω                                                                                 |
|                       | Maximum Supporting Power | 4W                                                                                  |
|                       |                          |                                                                                     |

● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
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