

LSA4 HF Stack Antenna

TAGSYS designs and manufactures a comprehensive multi-band RFID infrastructure for item-level tracking in a variety of industries. This universal infrastructure includes purpose-built readers and tags, as well as RFID management software, all designed to work together seamlessly in the most demanding environments. TAGSYS products automate labor-intensive processes, authenticates and safeguards goods, and enables real-time inventory and asset visibility.

With a proven track record of delivering reliable, high performance production systems, TAGSYS has deployed over 200 million tags and 90,000 reader systems to over 500 customers in more than 40 countries.

TAGSYS RFID solutions are currently deployed in a range of highly specialized vertical markets that include: Libraries, Textile Services, Pharmaceutical, and Fashion/Apparel.

The company is headquartered in Massachusetts with offices and R&D Centers in France and in Hong Kong.



TAGSYS' LSA4 Stack Antenna is a mixed-media high-frequency (HF) desktop antenna designed specifically to identify and track several RFID-tagged books, CD's and DVD's simultaneously. Its sensitive item-detection surface and precise multi-read capabilities make it an ideal solution for libraries where accuracy, efficiency, and durability are required.

ADVANCED TECHNOLOGY

The LSA4 Stack Antenna was designed to quickly and efficiently read multiple books, CD's and DVD's simultaneously with maximum ease. Its advanced antenna technology is specifically tuned to perform optimally in environments where small RFID tags are affixed to surfaces with some metallic content, making it the perfect antenna for multi-media applications.

APPLICATION-SPECIFIC DESIGN

The LSA4's low profile and compact design makes it ideal for use in confined spaces such as library circulation desks and self checkout stations. Designed with integrated ferrite shielding, to help avoid false tag reads from close-proximity RFID-tagged materials, the LSA4 can also be installed on metal surfaces without any negative interference.

COMPLETE RFID INFRASTRUCTURE

Due to TAGSYS' extensive cross-industry experience designing, manufacturing, and Combining the LSA4 Stack Antenna with TAGSYS' Medio long range readers and Folio™ flexible RFID tags provides a robust RFID infrastructure solution for libraries.



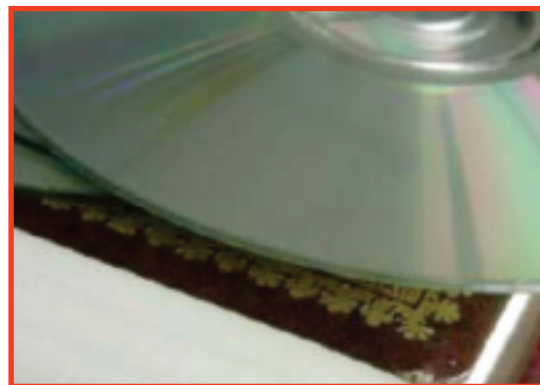
LSA4 HF Stack Antenna

DESCRIPTION

- Robust high frequency antenna designed to read multiple books, CD's and DVD's simultaneously
- Easily placed or mounted on tightly confined counters or work tables, including metallic surfaces

FEATURES

- Precise reading capabilities, rugged packaging
- Integrated ferrite shielding reduces false tag reads from close-proximity RFID-tagged items
- Compatible with TAGSYS Medio™ mid and long range readers



PRODUCT SPECIFICATIONS

| | |
|----------------------|--------------------------------|
| Operating Frequency | 13.56 MHz |
| RF Input Power | 1.2W |
| Reader Compatibility | TAGSYS' Medio™ L-L100, L-P101 |
| Cable Length | 6m (20 ft); includes connector |

Mechanical

| | |
|-----------------------|---|
| Casing | Square ferrite shielding |
| Dimensions | Packaged Antenna: 288 x 263 x 17mm (11.3 x 10.3 x 0.6in) |
| Weight | 2.0Kg (4.4lbs) |
| Operating Temperature | 0° to 55°C (32° to 131°F) |
| Storage Temperature | -25° to +60°C (-13° to 140°F) |

CERTIFICATIONS (EXPECTED)

- IP21 CE, FCC

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