

## TR-SA HF Stack Antenna



TAGSYS' TR-SA Stack Antenna is a robust high-frequency (HF) RFID antenna designed specifically to identify and track stacked RFID-tagged items. Its precise multi-read capabilities and rugged package make it ideal for industrial environments where accuracy, efficiency and durability are required.

### ACCURATE AND EFFICIENT

TAGSYS' TR-SA Stack Antenna is easily mounted on laundry work tables. It offers a large detection area for all types of stacked RFID-tagged textile products such as garments, linens and mops.

The Stack Antenna features removable ergonomic guides to easily handle stacked items.

Typically used with TAGSYS' Medio long range readers, it accurately reads up to 20 folded items, the equivalent of a 20cm high stack (12 in). It is shipped with a cable and BNC connectors.

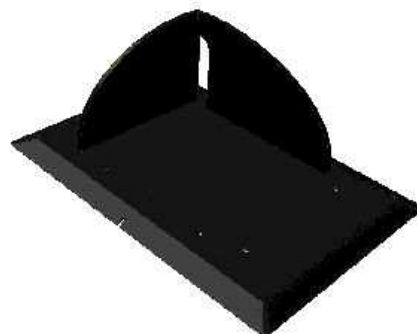
### HIGH QUALITY ANTENNAS

Due to TAGSYS' extensive cross-industry experience designing, manufacturing and integrating RFID infrastructure systems, we offer high quality, competitively priced antennas adapted to a variety of applications. TAGSYS' RFID antennas are available as OEM boards, PCB-based loops and light handheld inventory wands.

TAGSYS develops comprehensive multi-band RFID infrastructure for item-level tracking. This universal infrastructure includes purpose-built readers and tags, as well as RFID management software, all designed to work together seamlessly, at the highest performance levels, in the most demanding environments.

With a proven track record of delivering reliable production systems, TAGSYS has deployed over 250 million tags and 100,000 reader systems to over 500 customers in more than 40 countries.

More information on TAGSYS can be found at [www.tagsysrfid.com](http://www.tagsysrfid.com).



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## TECHNICAL SPECIFICATIONS

**FREQUENCY:**  
13.56 MHz

**PROTOCOLS SUPPORTED:**  
NXP ICODE 1 (C270)  
ISO 15693/ISO 18000-3 Mode 1  
(TAGSYS C370)  
TAGSYS C210

**RF OUTPUT POWER:**  
3W Max

**READER COMPATIBILITY:**  
TAGSYS Medio L400  
TAGSYS Medio L100 and L200  
(specific cable length required)

**CABLE:**  
3.50 m (11.5 ft.) built in coaxial cable  
Cable extension possible

**CONNECTOR TYPE:**  
BNC

**CERTIFICATIONS :**  
CE, FCC Part 15 with Medio L400-2 and  
Medio L100 readers  
Ro-HS

**DIMENSIONS OF INTERNAL RFID ANTENNA:**

440 x 350 mm (17.3 x 13.8 in)

**EXTERNAL DIMENSIONS OF PACKAGED ANTENNA:**

650 x 440 x 18 mm (25.6 x 17.3 x 0.7 in)

**WEIGHT:**  
1.5 Kg (3.3 lbs)

**CASING:**  
Black polystyrene

**OPERATING TEMPERATURE:**  
0°C to 40°C (32°F to 104°F)

**OTHER SPECIFICATIONS:**  
Mounting Kit with guides

