

# UHF ANTENNA FOR HANGING GARMENTS

## UHF antenna with shielded vertical conveyor

A-UHF-CON-AO-101 / A-UHF-CON-CBO-101



### Product info

- High-performance RFID reading system for scan of hanging garments
- Concentrated reading field and lateral shielding to avoid unwanted reads
- Easy to combine with existing LF or HF Datamars antennas, whenever required
- Solid structure made to withstand normal wear and tear in industrial laundries
- Easy mounting

### Product Description

The A-UHF-CON-AO-101 is able to concentrate its beam to read only garments in front and avoid unwanted reads aside and behind.

This is particularly useful when garments are close to each other and need to be read one by one (typically in sorting systems). Its size is fully compatible with existing LF (A-ST7501 CON) or HF (A-ST1300 CON) Datamars antennas, whenever garments are provided with a mixed population of transponders (LF/UHF or HF/UHF) and two reading technologies need to be combined.

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## Technical data

|                        |   |
|------------------------|---|
| Dimensions (L x W x H) | External: 940 x 330 x 116 mm (37" x 13" x 4,6")<br>Reading area: 700 x 250 mm (27.6" x 10") |
| Weight                 | approx. 9 kg (19 lbs)   |
| Compliance             | ISO/IEC 18000-6C, EPC Class 1 (Gen 2)   |
| Operating temperature  | -20°C - +50°C (-4°F - +122°F)   |
| Operating frequency    | 865 - 928 MHz   |
| Humidity               | 5% to 95%, non-condensing   |
| Warranty               | 1 year  |

## Ordering information

|   |              |
|---|--------------|
| A-UHF-CON AO-101 (ETSI)<br>UHF Add-On Antenna       | 800 3075-945 |
| A-UHF-CON CBO-101 (ETSI)<br>LF-UHF Combo Antenna    | 800 3075-956 |
| A-UHF-HF-CON CBO-101 (ETSI)<br>HF-UHF Combo Antenna | Upon request |