

# UHF HANGING CONVEYOR ANTENNA

Homogeneous reading to precisely identify UHF tagged textiles

A-UHF-LNG-101



## Product info

- Homogeneous reading across the antenna length
- Circular polarization
- Reduced stray reads
- Fully shielded on the back side
- Quick and easy installation

## Product Description

Specifically designed for conveyor systems the UHF hanging conveyor antenna allows to precisely identify UHF tagged textiles flowing in front of the antenna. It is designed to provide a homogenous reading area on the front side over its whole length, independently from tags orientation.

In combination with the appropriate reader configuration the antenna allows to limit the reading volume and avoid stray reads.

A R-UHF-SR220 can be directly fixed on the back of the antenna making the installation of the reading system quick and clean.

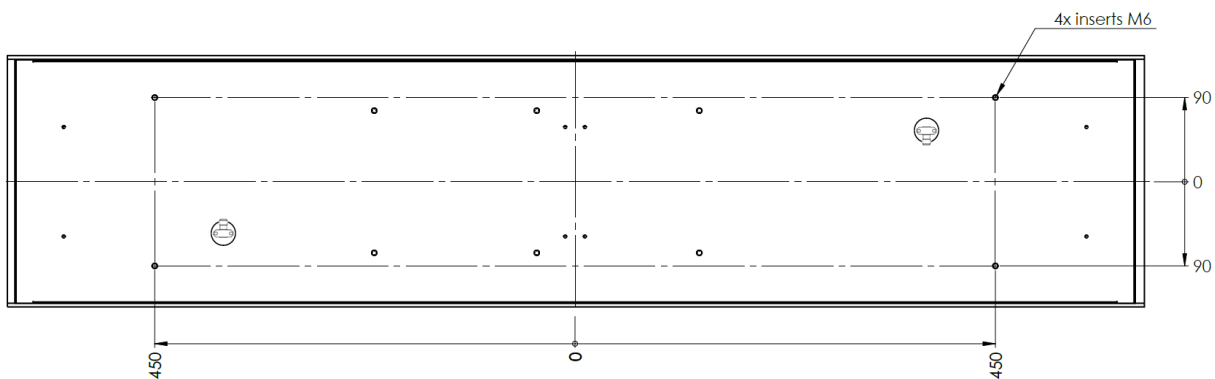
# UHF HANGING CONVEYOR ANTENNA

## A-UHF-LNG-101

### Technical data

Dimensions (L x W x H)	266 x 36 x 1205 mm (10.5" x 1.42" x 47.4")
Included antenna connectors	
Weight	5.5 kg (12.1 lbs)
Operating temperature range	-20 °C to +50 °C (-4 °F to 122 °F)
Humidity range	5 % to 95 %, non-condensing
Operating frequency range	865-868 MHz (ETSI) 902-928 MHz (FCC)
Gain	8.1 dBiC (ETSI) 8.4 dBiC (FCC)
Polarization	RHCP
Impedance	50 Ω
Antenna port	Two ports, right angle female SMA connector
Warranty	1 year
Included accessories	2 x SMA (male) to RP-TNC (male) 3 m cable

Four M6 inserts on the back allow to easily install the antenna. Mounting brackets shall not cover any other hole.



\*all dimensions are in mm

### Ordering information

A-UHF-LNG-101 (ETSI)	800 3075-958
A-UHF-LNG-101 (FCC)	800 3075-101