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 an 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

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (L x W x H)</td>
<td>266 x 36 x 1205 mm (10.5&quot; x 1.42&quot; x 47.4&quot;)</td>
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<tr>
<td>Included antenna connectors</td>
<td></td>
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<tr>
<td>Weight</td>
<td>5.5 kg (12.1 lbs)</td>
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<tr>
<td>Operating temperature range</td>
<td>-20 °C to +50 °C (-4 °F to 122 °F)</td>
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<tr>
<td>Humidity range</td>
<td>5 % to 95 %, non-condensing</td>
</tr>
<tr>
<td>Operating frequency range</td>
<td>865-868 MHz (ETSI)</td>
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<tr>
<td></td>
<td>902-928 MHz (FCC)</td>
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<tr>
<td>Gain</td>
<td>8.0 dBi (ETSI)</td>
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<tr>
<td></td>
<td>8.1 dBi (FCC)</td>
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<tr>
<td>Impedance</td>
<td>50 Ω</td>
</tr>
<tr>
<td>Antenna port</td>
<td>Two ports, right angle female SMA connector</td>
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<tr>
<td>Warranty</td>
<td>1 year</td>
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</tbody>
</table>

### Ordering information

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