



RFA630-000

**SICK**  
Sensor Intelligence.



## Ordering information

Type	Part no.
RFA630-000	1058383

Other models and accessories → [www.sick.com/](http://www.sick.com/)

## Detailed technical data

### Technical specifications

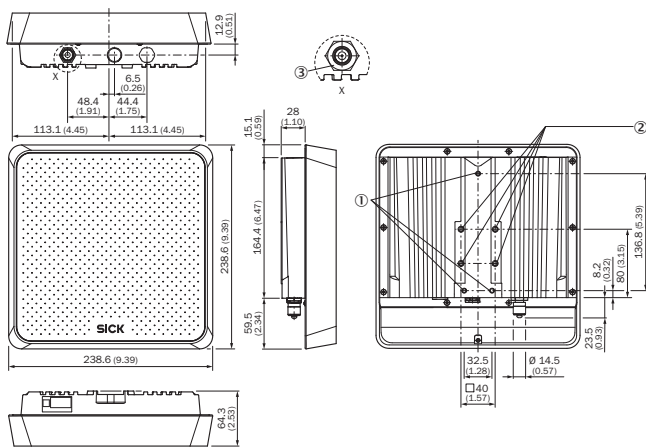
<b>Accessory group</b>	RFID antennas
<b>Description</b>	Industrial RFID UHF antenna, carrier frequency 865 ... 868 MHz (Europe, India, Russia, South Africa, Saudi Arabia), TNC reverse
<b>Version</b>	Long Range
<b>Frequency band</b>	UHF (860 MHz ... 960 MHz)
<b>Carrier frequency</b>	865 MHz ... 868 MHz
<b>Output power</b>	Max. 2 W (ERP)
<b>Polarization</b>	Circular polarised / RHCP
<b>Voltage standing wave ratio</b>	< 1.2
<b>Gain</b>	Typ. 9 dBic
<b>3 dB aperture angle</b>	Typ. < 72°
<b>Axial ratio</b>	Typ. < 2 dB
<b>Front-to-back ratio</b>	Typ. > 17 dB
<b>Weight</b>	3,000 g
<b>Housing material</b>	Aluminum Polycarbonat (front)
<b>Enclosure rating</b>	IP67
<b>Dimensions (W x H x L)</b>	238.6 mm x 64.3 mm x 238.6 mm
<b>Ambient operating temperature</b>	-25 °C ... +50 °C
<b>Storage temperature</b>	-30 °C ... +70 °C
<b>Permissible relative humidity</b>	95 %, Non-condensing

### Classifications

<b>ECl@ss 5.0</b>	27280401
<b>ECl@ss 5.1.4</b>	27280401
<b>ECl@ss 6.0</b>	27280401
<b>ECl@ss 6.2</b>	27280401
<b>ECl@ss 7.0</b>	27280401
<b>ECl@ss 8.0</b>	27280401

<b>ECI@ss 8.1</b>	27280401
<b>ECI@ss 9.0</b>	27280401
<b>ETIM 6.0</b>	EC002998
<b>UNSPSC 16.0901</b>	52161523

### Dimensional drawing (Dimensions in mm (inch))



- ① Blind hole thread M5, 8 mm deep
- ② Blind hole thread M6, 11 mm deep
- ③ TNC reverse

## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)