



RFA630-101

RFID antennas

ANTENNAS

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
RFA630-101	1059947

Other models and accessories → www.sick.com/RFID_antennas

Detailed technical data

Classifications

ECLASS 5.0	27280402
ECLASS 5.1.4	27280402
ECLASS 6.0	27280402
ECLASS 6.2	27280402
ECLASS 7.0	27280402
ECLASS 8.0	27280402
ECLASS 8.1	27280402
ECLASS 9.0	27280402
ETIM 6.0	EC002998
UNSPSC 16.0901	52161523

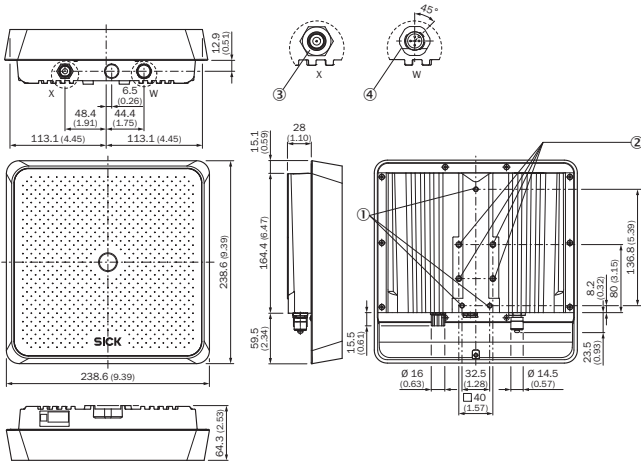
Features

Description	Industrial RFID UHF antenna, carrier frequency 902 ... 928 MHz (USA, Canada, México, Australia, Brazil, China, Japan), TNC male connector, with integrated feedback LED (RGB)
Version	Long Range
Frequency band	UHF (860 MHz ... 960 MHz)
Carrier frequency	902 MHz 928 MHz
Output power	4 W EIRP
Polarization	Circular polarised / RHCP
Voltage standing wave ratio	< 1.2
Gain	Typ. 9 dBic
3 dB aperture angle	Typ. 72°
Optical indicators	1 LED, multi-colored
Weight	3,000 g
Housing material	Aluminum Polycarbonat (front)
Enclosure rating	IP67
Dimensions (W x H x L)	239 mm 65 mm 239 mm
Ambient operating temperature	-25 °C +50 °C
Storage temperature	-30 °C +70 °C

Permissible relative humidity

95 % Non-condensing

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
- ④ Male connector M12, 5-pin, A-coded

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