

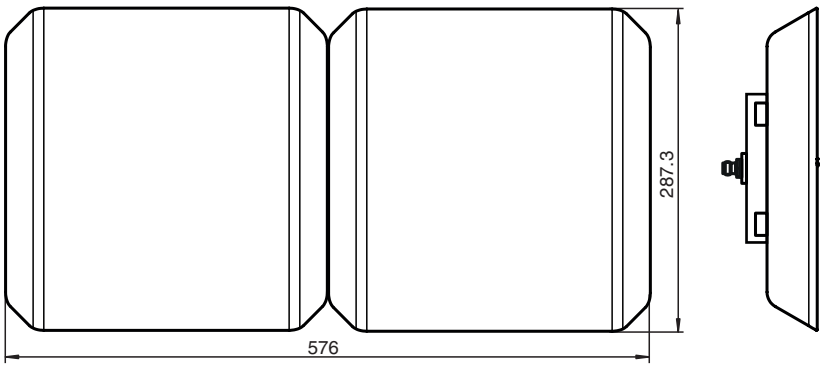
RFID antenna

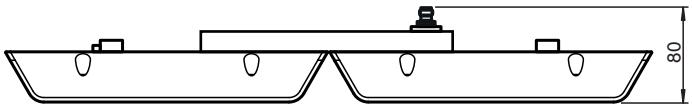
IUA-F860-FR2

- Circular antenna polarization ensures reliable transponder detection and improves process flow
- Sturdy housing, suitable for rough industrial use
- Degree of protection IP67

UHF RFID antenna, 30° x 65° circular

Dimensions





Technical Data

General specifications		
Performance characteristics		Gain: 11 dBic
Operating frequency		902 ... 928 MHz
Polarization		circular
Opening angle		30 ° x 65 °
Voltage standing-wave ratio (VSWR)		< 1.25:1
Directive conformity		
RoHS		
Directive 2011/65/EU (RoHS)		IEC/EN 63000
Standard conformity		

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Technical Data

Degree of protection		EN 60529
Ambient conditions		
Ambient temperature		-25 ... 55 °C (-13 ... 131 °F)
Storage temperature		-25 ... 80 °C (-13 ... 176 °F)
Climatic conditions		Air humidity 0 ... 95 % , noncondensing
Shock and impact resistance		Vibration (sine): 1 g, 10–150 Hz according to EN 60068-2-6 Shock (half-sine): 30 g according to EN 60068-2-27
Mechanical specifications		
Housing length		80 mm
Housing width		576 mm
Housing height		288 mm
Degree of protection		IP67
Connection		TNC socket, 50 Ω
Material		
Housing		PC, aluminum
Mass		approx. 3850 g

Accessories

	**IUZ-MH100**	Mounting aid
	**IUK-SMA-*M-LL240F-FRNC-TNC**	Adapter cable SMA plug straight to TNC plug straight, FRNC coaxial cable black, UV resistant

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