

### product type designation



### Antenna RF660A 865-868 EU

SIMATIC RF600 antenna RF660A 865-868 EU for use in EUR IP67, -25 to +75 °C, without cable .

### suitability for operation

SIMATIC RF600

### radio frequencies

#### transmission frequency

865 ... 868 MHz

### electrical data

#### antenna gain compared to spherical radiator

- with circular radiation

7 dB

#### impedance

50 Ω

#### polarization

Circular

#### standing wave ratio (VSWR) / maximum

2

#### radiating angle of the antenna

- horizontal
- vertical

60°

60°

#### type of electrical connection / of the antenna

RP-TNC

#### design of plug-in connection

male

### mechanical data

#### material

PA 12

#### color

Pastel turquoise

#### mounting distance

- relating to metal surfaces / recommended / minimum

0 m

### ambient conditions

#### ambient temperature

- during operation
- during storage
- during transport

-25 ... +75 °C

-40 ... +85 °C

-40 ... +85 °C

#### protection class IP

IP67

#### shock resistance

according to EN 60068-2-27

#### shock acceleration

300 m/s<sup>2</sup>

#### vibrational acceleration

1 m/s<sup>2</sup>

### design, dimensions and weights

#### width

313 mm

#### height

313 mm

#### depth

80 mm

#### net weight

1600 g

#### fastening method

4 screws M4 according to VESA 100, optional with articulated bracket by using antenna mounting kit

#### wire length / of antenna cable

0 m

### product features, product functions, product components / general

#### product feature / silicon-free

Yes

### standards, specifications, approvals

certificate of suitability	CE (ETSI EN 302208)
certificate of suitability • IECEX	No
reference code / according to IEC 81346-2:2019	TFB
<b>accessories</b>	
accessories	Antenna cables 1 to 40 m
<b>further information / internet links</b>	
internet link <ul style="list-style-type: none"> <li>• to web page: selection aid TIA Selection Tool</li> <li>• to website: Industrial communication</li> <li>• to website: Industry Mall</li> <li>• to website: Information and Download Center</li> <li>• to website: Image database</li> <li>• to website: CAx-Download-Manager</li> <li>• to website: Industry Online Support</li> </ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a> <a href="http://www.siemens.com/ident/rfid">http://www.siemens.com/ident/rfid</a> <a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a> <a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a> <a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a> <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

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