

### product type designation

### RF622A antenna, ETSI



SIMATIC RF600 antenna RF622A; ETSI frequency 865-868 EU linear IP67, -20 to +70 °C, with 30 cm connecting cable.

### suitability for operation

SIMATIC RF600

### radio frequencies

#### transmission frequency

865 ... 868 MHz

### electrical data

#### antenna gain compared to spherical radiator

- with linear radiation

-5 dB

#### impedance

50 Ω

#### polarization

Linear

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

2

#### radiating angle of the antenna

- horizontal
- vertical

100°

75°

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

RP-TNC

#### design of plug-in connection

male

### mechanical data

#### material

Pocan

#### color

Ti gray

#### tightening torque / of the screw for securing the equipment / maximum

2 N·m

#### mounting distance

- relating to metal surfaces / recommended / minimum

0 m

### ambient conditions

#### ambient temperature

- during operation
- during storage
- during transport

-20 ... +70 °C

-40 ... +85 °C

-40 ... +85 °C

#### protection class IP

IP65

#### shock resistance

according to EN 60068-2-27

#### shock acceleration

500 m/s<sup>2</sup>

#### vibrational acceleration

200 m/s<sup>2</sup>

### design, dimensions and weights

#### width

76 mm

#### height

76 mm

#### depth

20 mm

#### net weight

120 g

#### fastening method

2 screws M5

#### wire length / of antenna cable

0.3 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
accessories	
accessories	Antenna cables 1 to 40 m
further information / internet links	
internet link	
• to web page: selection aid TIA Selection Tool	<a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a>
• to website: Industrial communication	<a href="http://www.siemens.com/ident/rfid">http://www.siemens.com/ident/rfid</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx-Download-Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

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