

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

antenna gain compared to spherical radiator

- with linear radiation

-5 dB

electrical data

impedance

50 Ω

polarization

Linear

antenna gain compared to spherical radiator

- with linear radiation

-5 dB

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/s²

vibrational acceleration

200 m/s²

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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support 	https://support.industry.siemens.com/cs/ww/en/view/67384964 http://www.siemens.com/ident/rfid https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com
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