

product type designation



RF622A antenna, FCC

SIMATIC RF600 antenna RF622A; FCC frequency 902-928 US linear IP67, -20 to +70 °C, with 30 cm connection cable.

Technical Product Detail Page

<https://l.siemens.com/1P6GT2812-2EA01>

suitability for operation

SIMATIC RF600

radio frequencies

transmission frequency

902 ... 928 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

130°

105°

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	FCC (Title 47, Part 15.247), cULus
certificate of suitability <ul style="list-style-type: none"> • IECEx 	No
accessories	
accessories	Antenna cables 1 to 40 m
further information / internet links	
internet link <ul style="list-style-type: none"> • to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to web page: RFID country approval • to web page: identification and localization systems • to web page: SiePortal • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support 	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/rfid-approvals https://www.siemens.com/ident https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com
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