

product type designation

RF615A antenna, FCC

SIMATIC RF600 antenna RF615A; FCC frequency 915-928 US linear IP67, -20 to +70 °C, with 30 cm connecting cable, 52 x 52 x 16 mm (LXWXH);



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

PA 6

color

black

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

1.5 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

IP67

shock resistance

according to EN 60068-2-27

shock acceleration

500 m/s²

vibrational acceleration

200 m/s²

design, dimensions and weights

width

52 mm

height

52 mm

depth

16 mm

net weight

100 g

fastening method

2 x M4 screws

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	
• 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	https://support.industry.siemens.com/cs/ww/en/view/67384964
• to website: Industrial communication	http://www.siemens.com/ident/rfid
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx-Download-Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
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