

product type designation

RF615A antenna, ETSI

SIMATIC RF600 antenna RF615A; ETSI frequency 865-868 EU 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	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	100°
• vertical	75°
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	-20 ... +70 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
protection class IP	IP67
shock resistance	according to EN 60068-2-27
shock acceleration	500 m/s ²
vibrational acceleration	200 m/s ²

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	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	
<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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