

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
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 <ul style="list-style-type: none"> relating to metal surfaces / recommended / minimum 	0 m

Ambient conditions

Ambient temperature <ul style="list-style-type: none"> 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/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
Mounting type	2 x M4 screws
Wire length / of antenna cable	0.3 m

Product features, product functions, product components / general

Product feature / silicon-free	Yes
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Standards, specifications, approvals

Certificate of suitability	CE (ETSI EN 302208)
Certificate of suitability <ul style="list-style-type: none"> IECEX 	No

accessories

accessories	Antenna cables 1 to 40 m
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Further information / Internet-Links

Internet-Link <ul style="list-style-type: none"> to website: Selector SIMATIC NET 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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