

Product type designation

Antenna RF620A, FCC

SIMATIC RF600 ANTENNA RF620A ; FCC FREQUENCY 915-928
US LINEAR IP 67, -20 UP TO +70 DGR/C, WITH 30CM CONNECT.
CABLE



Suitability for operation	SIMATIC RF600
Wireless frequencies	
Transmission frequency	902 ... 928 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	130°
• vertical	105°
Type of electrical connection / of the antenna	RP-TNC
Design of plug-in connection	male
Mechanical data	
Material	PA 12
Color	Pastel turquoise
Tightening torque / of the screw for securing the equipment / maximum	2 N·m
Mounting distance	
• relating to metal surfaces / recommended / minimum	0 m
Permitted ambient conditions	

Ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport 	<p>-20 ... +70 °C</p> <p>-40 ... +85 °C</p> <p>-40 ... +85 °C</p>
Protection class IP	IP67
Shock resistance	according to EN 60068-2-27
Shock acceleration	500 m/s ²
Resistance against vibration	200 m/s ²

Design, dimensions and weight

Width	75 mm
Height	75 mm
Depth	20 mm
Net weight	100 g
Mounting type	2 screws M5
Cable length / of antenna cable	0 m

Product properties, functions, components / general

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

Certificate of suitability	FCC (Title 47, Part 15.247), cULus
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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 	<p>http://www.siemens.com/snst</p> <p>http://www.siemens.com/simatic-net</p> <p>https://mall.industry.siemens.com</p> <p>http://www.siemens.com/automation/net/catalog</p> <p>http://automation.siemens.com/bilddb</p> <p>http://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p>

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