


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 installation		SIMATIC RF600
Transmission frequency		
• initial value		902 MHz
• end value		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
Beam angle of antenna		
• horizontal		130 °
• vertical		105 °
Mechanical data		
Color		Pastel turquoise
Tightening torque / of screw for mounting the equipment / maximum		2 N·m
Mounting distance / for metal surfaces / recommended / minimum		0 m
Design of the plug-in connection		male
Permitted ambient conditions		
Ambient temperature		

• during operating	-20 ... +70 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
Protection class IP	IP67
Resistance against shock	according to EN 60068-2-27
Resistance against shock	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
Product properties, functions, components / general	
Product feature / silicon-free	Yes
Standards, specifications, approvals	
Verification of suitability	FCC (Title 47, Part 15.247), cULus
Further Information / Internet Links	
Internet-Link	
• to website: Industry Mall	https://www.siemens.com/industrymall
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Information and Download Center	http://www.siemens.com/automation/net/catalog
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	http://support.automation.siemens.com
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