

Product type designation

Antenna RF660A 902-928 US

SIMATIC RF600 antenna RF660A 902-928 US for use in the USA
IP67, -25 to +55 °C, without cable



Suitability for operation	SIMATIC RF600
Radio frequencies	
Transmission frequency	902 ... 928 MHz
Electrical data	
Impedance	50 Ω
Polarization	Circular
Antenna gain compared to spherical radiator	
• with circular radiation	6 dB
Standing wave ratio (VSWR) / maximum	2
Radiating angle of the antenna	
• horizontal	70°
• vertical	70°
Type of electrical connection / of the antenna	RP-TNC
Design of plug-in connection	male
Mechanical data	
Material	PA 12
Color	Pastel turquoise

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

Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation 	-25 ... +75 °C
<ul style="list-style-type: none"> during storage 	-40 ... +85 °C
<ul style="list-style-type: none"> during transport 	-40 ... +85 °C
Protection class IP	IP67
Shock resistance	according to EN 60068-2-27
Shock acceleration	300 m/s ²
Vibrational acceleration	1 m/s ²

Design, dimensions and weights

Width	313 mm
Height	313 mm
Depth	80 mm
Net weight	1600 g
Mounting type	4 screws M4 according to VESA 100, optional with articulated bracket by using antenna mounting kit
Wire length / of antenna cable	0 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	
<ul style="list-style-type: none"> IECEX 	No

accessories

accessories	Antenna cables 1 to 40 m
-------------	--------------------------

Further information / Internet-Links

Internet-Link	
<ul style="list-style-type: none"> to website: Selector SIMATIC NET SELECTION TOOL 	https://support.industry.siemens.com/cs/ww/en/view/67384964
<ul style="list-style-type: none"> to website: Industrial communication 	http://www.siemens.com/ident/rfid
<ul style="list-style-type: none"> to website: Industry Mall 	https://mall.industry.siemens.com
<ul style="list-style-type: none"> to website: Information and Download Center 	http://www.siemens.com/industry/infocenter
<ul style="list-style-type: none"> to website: Image database 	http://automation.siemens.com/bilddb
<ul style="list-style-type: none"> to website: CAx Download Manager 	http://www.siemens.com/cax
<ul style="list-style-type: none"> to website: Industry Online Support 	https://support.industry.siemens.com

last modified: 05/12/2020