

product type designation



Antenna RF660A 902-928 US

SIMATIC RF600 antenna RF660A 902-928 US for use in the USA IP67, -25 to +75 °C, without cable .

suitability for operation

SIMATIC RF600

radio frequencies

transmission frequency	902 ... 928 MHz
antenna gain compared to spherical radiator	
• with circular radiation	6 dB

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	
• relating to metal surfaces / recommended / minimum	0 m

ambient conditions

ambient temperature	
• during operation	-25 ... +75 °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	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
fastening method	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	No
• IECEx	
reference code / according to IEC 81346-2:2019	TFB
accessories	
accessories	Antenna cables 1 to 40 m
further information / internet links	
internet link	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
• 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	

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