

### Product type designation

### Antenna RF660A 902-928 US

SIMATIC RF 600 ANTENNA RF660A 902-928 US FOR APPLICATION IN USA IP 67, -25 UP TO +55 DEGR/C, W/O CABLE



Suitability for operation

SIMATIC RF600

### Wireless frequencies

Transmission frequency

902 ... 928 MHz

### Electrical data

Impedance

50  $\Omega$

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
- vertical

70°

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

### Permitted ambient conditions

Ambient temperature

- during operation

-25 ... +75 °C

<ul style="list-style-type: none"> <li>• during storage</li> </ul>	-40 ... +85 °C
<ul style="list-style-type: none"> <li>• during transport</li> </ul>	-40 ... +85 °C
Protection class IP	IP67
Shock resistance	according to EN 60068-2-27
Shock acceleration	300 m/s <sup>2</sup>
Resistance against vibration	1 m/s <sup>2</sup>

### Design, dimensions and weight

Width	313 mm
Height	313 mm
Depth	80 mm
Net weight	1.6 kg
Mounting type	4 screws M4 according to VESA 100, optional with articulated bracket by using antenna mounting kit
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"> <li>• to website: Selector SIMATIC NET SELECTION TOOL</li> </ul>	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
<ul style="list-style-type: none"> <li>• to website: Industrial communication</li> </ul>	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
<ul style="list-style-type: none"> <li>• to website: Industry Mall</li> </ul>	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
<ul style="list-style-type: none"> <li>• to website: Information and Download Center</li> </ul>	<a href="http://www.siemens.com/automation/net/catalog">http://www.siemens.com/automation/net/catalog</a>
<ul style="list-style-type: none"> <li>• to website: Image database</li> </ul>	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
<ul style="list-style-type: none"> <li>• to website: CAx Download Manager</li> </ul>	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
<ul style="list-style-type: none"> <li>• to website: Industry Online Support</li> </ul>	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

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