

Product type designation



Antenna RF660A 865-868 EU

SIMATIC RF 600 ANTENNA RF660A 865-868 EU FOR APPLICATION IN EUROPE IP 67, -25 UP TO +55 DEGR/C, W/O CABLE

Suitability for operation	SIMATIC RF600
Wireless frequencies	
Transmission frequency	865 ... 868 MHz
Electrical data	
Impedance	50 Ω
Polarization	Circular
Antenna gain compared to spherical radiator	
• with circular radiation	7 dB
Standing wave ratio (VSWR) / maximum	2
Radiating angle of the antenna	
• horizontal	60°
• vertical	60°
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"> 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
Resistance against vibration	1 m/s ²

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	CE (ETSI EN 302208)
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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>

last modified: 09.03.2015