

Product type designation

Antenna RF660A 865-868 EU

SIMATIC RF600 antenna RF660A 865-868 EU for use in EUR IP67,
-25 to +55 °C, without 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
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 weight

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 properties, functions, components / general

Product feature / 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	
to website: Selector SIMATIC NET SELECTION TOOL	https://support.industry.siemens.com/cs/ww/en/view/67384964
to website: Industrial communication	http://www.siemens.com/ident/rfid
to website: Industry Mall	https://mall.industry.siemens.com
to website: Information and Download Center	http://www.siemens.com/industry/infocenter
to website: Image database	http://automation.siemens.com/bilddb
to website: CAx Download Manager	http://www.siemens.com/cax
to website: Industry Online Support	https://support.industry.siemens.com

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