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Data sheet 6GT2812-0AA00

product type designation	**Antenna RF660A 865-868 EU**
	********** spare part ********* SIMATIC RF600 antenna RF660A 865-868 EU for use in Europe IP67, -25 to +75 °C, without cable



product brand name	SIMATIC RF
suitability for operation	SIMATIC RF600
radio frequencies	
transmission frequency	865 ... 868 MHz
electrical data	
antenna gain compared to spherical radiator	
● with circular radiation	7 dB
impedance	50 Ω
polarization	Circular
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
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/s²
vibrational acceleration	1 m/s²
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	

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product feature / silicon-free	Yes
standards, specifications, approvals	
certificate of suitability	CE (ETSI EN 302208)
certificate of suitability	
● IECEx	No
accessories	
accessories	Antenna cables 1 to 40 m
further information / internet links	
● internet link / to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
● internet link / to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● internet link / to web page: RFID country approval	https://www.siemens.com/rfid-approvals
● internet link / to web page: identification and localization systems	https://www.siemens.com/ident
● internet link / to web page: SiePortal	https://sieportal.siemens.com/
● internet link / to website: Image database	https://www.automation.siemens.com/bilddb
● internet link / to website: CAx-Download-Manager	https://www.siemens.com/cax
● internet link / to website: Industry Online Support	https://support.industry.siemens.com
security information	
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