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Data sheet 6GT2812-2EA00

product type designation	**RF622A antenna, ETSI**
	SIMATIC RF600 antenna RF622A; ETSI frequency 865-868 EU linear IP67, -20 to +70 °C, with 30 cm connecting cable.



product brand name	SIMATIC RF
Technical Product Detail Page	https://i.siemens.com/1P6GT2812-2EA00
suitability for operation	SIMATIC RF600
radio frequencies	
transmission frequency	865 ... 868 MHz
electrical data	
antenna gain compared to spherical radiator	
● with linear radiation	-5 dB
impedance	50 Ω
polarization	Linear
standing wave ratio (VSWR) / maximum	2
radiating angle of the antenna	
● horizontal	100°
● vertical	75°
type of electrical connection / of the antenna	RP-TNC
design of plug-in connection	male
mechanical data	
material	Pocan
color	Ti gray
tightening torque / of the screw for securing the equipment / maximum	2 N·m
mounting distance	
● relating to metal surfaces / recommended / minimum	0 m
ambient conditions	
ambient temperature	
● during operation	-20 ... +70 °C
● during storage	-40 ... +85 °C
● during transport	-40 ... +85 °C
protection class IP	IP65
shock resistance	according to EN 60068-2-27
shock acceleration	500 m/s²
vibrational acceleration	200 m/s²
design, dimensions and weights	
width	76 mm
height	76 mm
depth	20 mm
net weight	120 g
fastening method	2 screws M5

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wire length / of antenna cable	0.3 m
product features, product functions, product components / general	
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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