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Data sheet 6GT2398-1CB00

product type designation	**Antenna ANT 1**
	RF300/RF200 antenna ANT 1 PVC, IP65, -25...+70 °C, 75x 75x 20 mm, cable length 3 m.



product brand name	SIMATIC RF
Technical Product Detail Page	https://i.siemens.com/1P6GT2398-1CB00
suitability for operation	RF300 / RF200 / MOBY E
radio frequencies	
transmission frequency / rated value	13.56 MHz
electrical data	
type of electrical connection / of the antenna	M8, 4-pin
design of plug-in connection	male
mechanical data	
material	PA 12
color	Anthracite
tightening torque / of the screw for securing the equipment / maximum	2 N·m
mounting distance	
● relating to metal surfaces / recommended / minimum	0.02 m
ambient conditions	
ambient temperature	
● during operation	-25 ... +70 °C
● during storage	-40 ... +85 °C
● during transport	-40 ... +85 °C
protection class IP	IP67
resistance to mechanical stress	no bending or torsion permitted
shock resistance	according to EN 60721-3-7 Class 7M2
shock acceleration	500 m/s²
vibrational acceleration	200 m/s²
design, dimensions and weights	
width	75 mm
height	75 mm
depth	20 mm
net weight	225 g
fastening method	2 screws M5
wire length / of antenna cable	3 m
standards, specifications, approvals	
certificate of suitability	CE, FCC, IC, cULus, Ex approval only together with 6GT2801-4AB10
certificate of suitability	
● IECEx	Yes
● for IECEx / as marking	the ATEX approval of the connected reader applies
further information / internet links	

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● 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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last modified:	3/10/2026

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