SIEMENS

Data sheet 6GT2398-1DA00

product type designation	**ANT 18 antenna stainless steel, without cable**
	SIMATIC RF300/RF200 antenna ANT 18 stainless steel, -25...+70 °C, IP65, thread M18x1, length 40 mm; without connection cable.



Technical Product Detail Page	https://i.siemens.com/1P6GT2398-1DA00
suitability for operation	RF250R / RF350R / RF350M
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	female
mechanical data	
material	Stainless steel V2A
color	Silver
tightening torque / of the screw for securing the equipment / maximum	3 N·m
mounting distance	
● relating to metal surfaces / recommended / minimum	0 m
ambient conditions	
ambient temperature	
● during operation	-25 ... +70 °C
● during storage	-40 ... +85 °C
● during transport	-40 ... +85 °C
protection class IP	IP67
shock acceleration	500 m/s²
vibrational acceleration	200 m/s²
design, dimensions and weights	
depth	40 mm
diameter	18 mm
net weight	40 g
fastening method	2 x stainless steel nuts M18 x 1
standards, specifications, approvals	
certificate of suitability	CE, cULus
certificate of suitability	
● IECEx	Yes
● for IECEx / as marking	the ATEX approval of the connected reader applies
accessories	
accessories	Antenna cable
further information / internet links	
internet link	
● to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud

Subject to change without notice
© Copyright Siemens

● to web page: RFID country approval	https://www.siemens.com/rfid-approvals
● to web page: identification and localization systems	https://www.siemens.com/ident
● to web page: SiePortal	https://sieportal.siemens.com/
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com
security information	
security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

last modified: 11/11/2025

Subject to change without notice
© Copyright Siemens