

### product type designation



Figure similar

### antenna ANT 18 stainless steel, with antenna cable

SIMATIC RF200/RF300 antenna ANT 18 stainless steel; -25...+70 °C, IP65, thread M18x1, length 40 mm; with trailing antenna wire, both ends plug-in PUR, UL 758, length 3 m .

product brand name	SIMATIC RF
Technical Product Detail Page	<a href="https://l.siemens.com/1P6GT2398-1DA10">https://l.siemens.com/1P6GT2398-1DA10</a>
suitability for operation	RF250R / RF350R / RF350M
<b>radio frequencies</b>	
transmission frequency / rated value	13.56 MHz
<b>electrical data</b>	
type of electrical connection / of the antenna	M8, 4-pole (at supplied cable)
design of plug-in connection	male
<b>mechanical data</b>	
material	Stainless steel V2A
color	Silver
tightening torque / of the screw for securing the equipment / maximum	3 N·m
mounting distance	
<ul style="list-style-type: none"> <li>relating to metal surfaces / recommended / minimum</li> </ul>	0 m
<b>ambient conditions</b>	
ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> <li>during transport</li> </ul>	-25 ... +70 °C -40 ... +85 °C -40 ... +85 °C
protection class IP	IP67
shock acceleration	500 m/s <sup>2</sup>
vibrational acceleration	200 m/s <sup>2</sup>
<b>design, dimensions and weights</b>	
depth	40 mm
diameter	18 mm
net weight	40 g
fastening method	2 x stainless steel nuts M18 x 1
wire length / of antenna cable	3 m
<b>standards, specifications, approvals</b>	
certificate of suitability	CE, cULus
certificate of suitability	
<ul style="list-style-type: none"> <li>IECEX</li> <li>for IECEX / as marking</li> </ul>	Yes the ATEX approval of the connected reader applies
<b>accessories</b>	
accessories	Included: 6GT2391-0AH30 (antenna cable)
<b>further information / internet links</b>	

internet link

- to website: Selection guide for cables and connectors
- to web page: selection aid TIA Selection Tool
- to web page: RFID country approval
- to web page: identification and localization systems
- to web page: SiePortal
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

- <https://support.industry.siemens.com/cs/ww/en/view/109766358>
- <https://www.siemens.com/tstcloud>
- <https://www.siemens.com/rfid-approvals>
- <https://www.siemens.com/ident>
- <https://sieportal.siemens.com/>
- <https://www.automation.siemens.com/bilddb>
- <https://www.siemens.com/cax>
- <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](http://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:

3/10/2026 