

product type designation



**Antenna ANT 3**

RF300/RF200 antenna ANT 3 for Connection to RF250R RF350R and RF350M  
IP67, -25 to +70 °C, dimensions 50x 28x 10 mm.

product brand name	SIMATIC RF
Technical Product Detail Page	<a href="https://l.siemens.com/1P6GT2398-1CD30-0AX0">https://l.siemens.com/1P6GT2398-1CD30-0AX0</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-pin
design of plug-in connection	female
<b>mechanical data</b>	
material	PA6 V0
color	black
tightening torque / of the screw for securing the equipment / maximum	1 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 resistance	according to EN 60721-3-7 Class 7M2
shock acceleration	500 m/s <sup>2</sup>
vibrational acceleration	200 m/s <sup>2</sup>
<b>design, dimensions and weights</b>	
width	28 mm
height	50 mm
depth	10 mm
net weight	35 g
fastening method	2 x M4 screws
<b>standards, specifications, approvals</b>	
certificate of suitability	CE, FCC, IC, 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	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 