

### Product type designation

### Antenna ANT 8 incl. antenna cable

SIMATIC RF200/RF300 antenna ANT 8 M8x 38 mm, IP67. -25 to +70 °C, with trailing antenna wire, both ends plug-in PUR, UL 758, Length 3 m Consisting of: 1x 6GT23981CF00 1x 6GT23910AH30



Figure similar

Suitability for operation	RF250R
<b>Wireless 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	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	0 m
<ul style="list-style-type: none"> <li>relating to metal surfaces / recommended / minimum</li> </ul>	
<b>Permitted ambient conditions</b>	
Ambient temperature	

• during operation	-25 ... +70 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
Protection class IP	IP67, front
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>

### Design, dimensions and weight

Depth	40 mm
Diameter	8 mm
Net weight	140 g
Mounting type	2 stainless steel cscrew nuts M8 x 1.0 (included)
Wire length / of antenna cable	3 m

### Standards, specifications, approvals

Certificate of suitability	CE, FCC, IC, cULus
----------------------------	--------------------

### Accessories

accessories	Included: 6GT23910-AH30 (antenna cable)
-------------	---

### Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	<a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a>
• to website: Industrial communication	<a href="http://www.siemens.com/ident/rfid">http://www.siemens.com/ident/rfid</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx Download Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

**last modified:** 10/30/2018