

### Product type designation

**ANT 30 antenna stainless steel, without cable**

SIMATIC RF300/RF200 antenna ANT 30, stainless steel -25 to +70 °C, IP65; thread M30x1.5, length 40 mm; without connection cable



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 <ul style="list-style-type: none"><li>relating to metal surfaces / recommended / minimum</li></ul>	0 m
Ambient conditions	
Ambient temperature <ul style="list-style-type: none"><li>during operation</li></ul>	-25 ... +70 °C

<ul style="list-style-type: none"> <li>• during storage</li> </ul>	-40 ... +85 °C
<ul style="list-style-type: none"> <li>• during transport</li> </ul>	-40 ... +85 °C
Protection class IP	IP67
Shock acceleration	500 m/s <sup>2</sup>
Vibrational acceleration	200 m/s <sup>2</sup>

#### Design, dimensions and weights

Depth	38 mm
Diameter	30 mm
Net weight	95 g
Mounting type	2 x stainless steel nuts M30 x 1.5

#### Standards, specifications, approvals

Certificate of suitability	CE, cULus
Certificate of suitability <ul style="list-style-type: none"> <li>• IECEx</li> </ul>	Yes

#### accessories

accessories	Antenna cable
-------------	---------------

#### Further information / Internet-Links

Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Selector SIMATIC NET SELECTION TOOL</li> </ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a>
<ul style="list-style-type: none"> <li>• to website: Industrial communication</li> </ul>	<a href="http://www.siemens.com/ident/rfid">http://www.siemens.com/ident/rfid</a>
<ul style="list-style-type: none"> <li>• to website: Industry Mall</li> </ul>	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
<ul style="list-style-type: none"> <li>• to website: Information and Download Center</li> </ul>	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
<ul style="list-style-type: none"> <li>• to website: Image database</li> </ul>	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
<ul style="list-style-type: none"> <li>• to website: CAx Download Manager</li> </ul>	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
<ul style="list-style-type: none"> <li>• to website: Industry Online Support</li> </ul>	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

**last modified:** 05/15/2020