

### Product type designation

### Antenna ANT 12

RF300/RF200/MOBY E antenna ANT 12 with trailing antenna wire, PUR, UL 758, Length 3 m, IP65, -25 to +70 °C, M12x 40 mm, max. Limit distance: 5 mm with MDS E623



Suitability for operation	RF250R / RF350R / RF350M / MOBY E
<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	Crastin
Color	Pastel turquoise
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	-25 ... +70 °C
<ul style="list-style-type: none"> <li>during operation</li> </ul>	

<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, 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	12 mm
Net weight	145 g
Mounting type	2 plastic nuts M12 x 1.0
Wire length / of antenna cable	3 m

Standards, specifications, approvals	
Certificate of suitability	CE, FCC, IC, cULus, Ex approval only together with 6GT2801-4AB10

### 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:** 01/12/2019