

### Product type designation

### Antenna ANT 12

RF300/ RF200/ MOBY E ANT 12 ANTENNA WITH TRAILING CAPABILITY ANTENNA CABLE, PUR, UL 758, LENGTH 3M IP 65, -25 TO +70 DEGR/C, M12X40 MM, MAX. DISTANCE: 5 MM (WITH MDS E623)



### Wireless frequencies

Transmission frequency / Rated value	13.56 MHz
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### Electrical data

Type of electrical connection / of the antenna	M8, 4-pin
Design of plug-in connection	male

### Mechanical data

Material	Crastin
Color	Pastel turquoise
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

### Permitted ambient conditions

Ambient temperature <ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul>	<p>-25 ... +70 °C</p> <p>-40 ... +85 °C</p>
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• 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	12 mm
Net weight	145 g
Mounting type	2 plastic cscrew 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
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### Further Information / Internet Links

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

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