

Product type designation

Antenna ANT 1

RF300 / MOBY E ANTENNA ANT 1 PVC, CABLE LENGTH: 3M IP 65, -25 TO +70 DEGR/C, 75X75X20 MM, MAX. DISTANCE: 100 MM (DEPENDING ON MDS)



Suitability for operation	RF300 / MOBY E
Wireless 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	male
Mechanical data	
Material	PA 12
Color	Anthracite
Tightening torque / of the screw for securing the equipment / maximum	2 N·m
Mounting distance • relating to metal surfaces / recommended / minimum	0.02 m
Permitted ambient conditions	
Ambient temperature • during operation	-25 ... +70 °C

• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
Protection class IP	IP67
Resistance to mechanical stress	no bending or torsion permitted
Shock resistance	according to EN 60721-3-7 Class 7M2
Shock acceleration	500 m/s ²
Vibrational acceleration	200 m/s ²

Design, dimensions and weight

Width	75 mm
Height	75 mm
Depth	20 mm
Net weight	225 g
Mounting type	2 screws M5
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	
• to website: Selector SIMATIC NET SELECTION TOOL	https://support.industry.siemens.com/cs/ww/en/view/67384968
• to website: Industrial communication	http://www.siemens.com/ident/rfid
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAX Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

last modified: 10/20/2016