

Product type designation

Antenna ANT 18

RF300/RF200/MOBY E antenna ANT 18 PVC, IP65, -25...+70 °C,
M18x 55 mm, cable length 3 m



Suitability for operation	RF250R / RF350R / RF350M / MOBY E
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	male
Mechanical data	
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"> relating to metal surfaces / recommended / minimum 	
Ambient conditions	
Ambient temperature	-25 ... +70 °C
<ul style="list-style-type: none"> during operation 	

<ul style="list-style-type: none"> • during storage 	-40 ... +85 °C
<ul style="list-style-type: none"> • 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 ²
Vibrational acceleration	200 m/s ²

Design, dimensions and weights	
Depth	55 mm
Diameter	18 mm
Net weight	130 g
Mounting type	2 plastic csrew nuts M18 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
Certificate of suitability <ul style="list-style-type: none"> • IECEX 	Yes

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