

product type designation



### Antenna ANT 3S

RF300/RF200 antenna ANT 3 NO for connection to RF250R, RF350R and RF350M (GEN1) IP67, -25 to +70 °C, dimensions 50x 28x 10 mm for the transponders MDS D117, MDS D127, MDS D421, MDS D521.

suitability for operation	RF250R / RF300 with small transponders
<b>radio 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	female
<b>mechanical data</b>	
material	PA6 V0
color	black
tightening torque / of the screw for securing the equipment / maximum	1 N·m
mounting distance	
• relating to metal surfaces / recommended / minimum	0 m
<b>ambient conditions</b>	
ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
protection class IP	IP67
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>
<b>design, dimensions and weights</b>	
width	28 mm
height	50 mm
depth	10 mm
net weight	35 g
fastening method	2 x M4 screws
<b>standards, specifications, approvals</b>	
certificate of suitability	CE, FCC, IC, cULus
certificate of suitability	
• IECEX	Yes
• for IECEX / as marking	the ATEX approval of the connected reader applies
reference code / according to IEC 81346-2:2019	TFB
<b>accessories</b>	
accessories	Antenna cable
<b>further information / internet links</b>	
internet link	
• to web page: selection aid TIA Selection Tool	<a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a>

- 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

<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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