

Product type designation

ANT 18 antenna stainless steel, without cable

SIMATIC RF300/RF200 antenna ANT 18 stainless steel, -25...+70 °C, IP65, thread M18x1, length 40 mm; without connection cable



Suitability for operation	RF250R / RF350R / RF350M
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	female
Mechanical data	
Material	Stainless steel V2A
Color	Silver
Tightening torque / of the screw for securing the equipment / maximum	3 N·m
Mounting distance <ul style="list-style-type: none">relating to metal surfaces / recommended / minimum	0 m
Ambient conditions	
Ambient temperature <ul style="list-style-type: none">during operation	-25 ... +70 °C

• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
Protection class IP	IP67
Shock acceleration	500 m/s ²
Vibrational acceleration	200 m/s ²

Design, dimensions and weights

Depth	38 mm
Diameter	18 mm
Net weight	40 g
Mounting type	2 x stainless steel nuts M18 x 1

Standards, specifications, approvals

Certificate of suitability	CE, cULus
Certificate of suitability	
• IECEx	Yes

accessories

accessories	Antenna cable
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Further information / Internet-Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	https://support.industry.siemens.com/cs/ww/en/view/67384964
• 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

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