SIEMENS

Data sheet 6GT2398-1CF00

product type designation



Antenna ANT 8

SIMATIC RF200/RF300 antenna ANT 8 M8x 38 mm, IP67, -25 to +70 $^{\circ}\text{C},$ without connection cable.

transmission frequency / rated value 13.56 MHz selectrical data type of electrical connection / of the antenna M8, 4-pin design of plug-in connection female machanical data material Stainless steel V2A color Silver tightening torque / of the screw for securing the equipment / maximum 0 mounting distance e relating to metal surfaces / recommended / minimum 0 m ambient conditions ambient temperature e during operation 25	suitability for operation	RF250R / RF350M
type of electrical connection / of the antenna	radio frequencies	
type of electrical connection / of the antenna design of plug-in connection female mechanical data material Stainless steel V2A color Silver tightening torque / of the screw for securing the equipment / maximum 0 mounting distance • relating to metal surfaces / recommended / minimum 0 m ambient conditions ambient temperature • during operation - 25 +70 °C • during transport - 40 +85 °C protection class IP IP67, front shock resistance according to EN 60721-3-7 Class 7M2 shock acceleration 200 m/s² wibrational acceleration 200 m/s² depth 38 mm diameter 8 mm net weight 10 g fastening method 2 stainless steel csrew nuts M8 x 1.0 (included) standards, specifications, approvals certificate of suitability CE, FCC, IC, cULus certificate of suitability • IECEX No accessories accessories accessories accessories Antenna cable https://support.industry.siemens.com/cs/ww/en/view/67384964	transmission frequency / rated value	13.56 MHz
design of plug-in connection methanical data material Stainless steel V2A color tightening torque / of the screw for securing the equipment / maximum mounting distance • relating to metal surfaces / recommended / minimum ambient conditions ambient emperature • during operation • during storage • during transport • during transport protection class IP shock resistance shock acceleration shock acceleration design, dimensions and weights depth diameter net weight 10 g fastening method standards, specifications, approvals certificate of suitability • IECEx reference code / according to IEC 81346-2:2019 accessories accessories accessories accessories accessories accessories Antenna cable https://support.industry.siemens.com/cs/ww/en/view/67384984 https://support.industry.siemens.com/cs/ww/en/view/67384984 https://support.industry.siemens.com/cs/ww/en/view/67384984	electrical data	
material Stainless steel V2A color Silver tightening torque / of the screw for securing the equipment / maximum mounting distance • relating to metal surfaces / recommended / minimum ambient conditions ambient temperature • during operation • during storage • during storage • during transport • during transport protection class IP protection class IP protection class IP protection so so m/s² shock resistance shock acceleration soon m/s² design, dimensions and weights design, dimensions and weights depth diameter net weight 10 g fastening method standards, specifications, approvals certificate of suitability • IECEx reference code / according to IEC 81346-2:2019 accessories accessories accessories accessories Antenna cable https://support.industry.siemens.com/cs/ww/en/view/87384984	type of electrical connection / of the antenna	M8, 4-pin
material Stainless steel V2A color tightening torque / of the screw for securing the equipment / maximum mounting distance	design of plug-in connection	female
tightening torque / of the screw for securing the equipment / maximum mounting distance • relating to metal surfaces / recommended / minimum ambient conditions ambient temperature • during operation • during storage • during storage • during transport • during transport • during storage • during transport • during transport • during storage • during transport • during transpo	mechanical data	
tightening torque / of the screw for securing the equipment / maximum mounting distance • relating to metal surfaces / recommended / minimum amblent conditions ambient temperature • during operation • during storage • during storage • during transport protection class IP shock resistance shock acceleration vibrational acceleration design, dimensions and weights depth diameter net weight fastening method standards, specifications, approvals certificate of suitability • IECEX reference code / according to IEC 81346-2:2019 The substantian internet links internet link • to web page: selection aid TIA Selection Tool and maximum o m o m o m o m o m o m o m	material	Stainless steel V2A
mounting distance • relating to metal surfaces / recommended / minimum ambient conditions ambient temperature • during operation • during storage • during storage • during transport protection class IP shock resistance shock acceleration shock acceleratio	color	Silver
relating to metal surfaces / recommended / minimum ambient conditions ambient temperature		3 N·m
ambient conditions ambient temperature • during operation • during storage • during storage • during transport • during transport • during transport protection class IP shock resistance shock acceleration vibrational acceleration 200 m/s² vibrational acceleration 200 m/s² design, dimensions and weights depth 38 mm diameter 8 mm net weight 10 g fastening method 2 stainless steel csrew nuts M8 x 1.0 (included) standards, specifications, approvals certificate of suitability • IECEx No reference code / according to IEC 81346-2:2019 further information / internet links internet link • to web page: selection aid TIA Selection Tool https://support.industry.siemens.com/cs/ww/en/view/67384964	mounting distance	
ambient temperature • during operation • during storage • during storage • during transport • during transp	 relating to metal surfaces / recommended / minimum 	0 m
during operation during storage during transport during	ambient conditions	
 during storage during transport during transport -40 +85 °C protection class IP shock resistance according to EN 60721-3-7 Class 7M2 shock acceleration shock acceleration 200 m/s² vibrational acceleration design, dimensions and weights depth diameter net weight 10 g fastening method 2 stainless steel csrew nuts M8 x 1.0 (included) standards, specifications, approvals certificate of suitability certificate of suitability elECEx reference code / according to IEC 81346-2:2019 accessories Antenna cable further information / internet links internet link to web page: selection aid TIA Selection Tool https://support.industry.siemens.com/cs/ww/en/view/67384964 	ambient temperature	
during transport protection class IP protection class IP shock resistance shock acceleration	 during operation 	-25 +70 °C
protection class IP shock resistance shock acceleration shock acceleration shock acceleration shock acceleration shock acceleration 200 m/s² design, dimensions and weights depth diameter shock acceleration shock acceleration 38 mm diameter shock acceleration shock acceleration 200 m/s² design, dimensions and weights design, dimensions and weights design, dimensions and weights shock acceleration 38 mm shock acceleration shock	 during storage 	-40 +85 °C
shock resistance shock acceleration 500 m/s² vibrational acceleration 200 m/s² design, dimensions and weights depth 38 mm diameter 8 mm net weight 10 g fastening method 2 stainless steel csrew nuts M8 x 1.0 (included) standards, specifications, approvals certificate of suitability certificate of suitability IECEX reference code / according to IEC 81346-2:2019 accessories accessories accessories accessories further information / internet links internet link • to web page: selection aid TIA Selection Tool 500 m/s² 200 m/s² 20	during transport	-40 +85 °C
shock acceleration vibrational acceleration 200 m/s² design, dimensions and weights depth 38 mm diameter 8 mm net weight 10 g fastening method 2 stainless steel csrew nuts M8 x 1.0 (included) standards, specifications, approvals certificate of suitability certificate of suitability IECEx No reference code / according to IEC 81346-2:2019 accessories accessories accessories Antenna cable further information / internet links internet link • to web page: selection aid TIA Selection Tool https://support.industry.siemens.com/cs/ww/en/view/67384964	protection class IP	IP67, front
vibrational acceleration design, dimensions and weights depth diameter net weight fastening method standards, specifications, approvals certificate of suitability elecex net ECEx No reference code / according to IEC 81346-2:2019 accessories accessories accessories further information / internet links internet link • to web page: selection aid TIA Selection Tool o 8 mm 10 g 2 stainless steel csrew nuts M8 x 1.0 (included) CE, FCC, IC, cULus CE, FCC, IC, cULus TFB Antenna cable https://support.industry.siemens.com/cs/ww/en/view/67384964	shock resistance	according to EN 60721-3-7 Class 7M2
design, dimensions and weights depth 38 mm diameter 8 mm net weight 10 g fastening method 2 stainless steel csrew nuts M8 x 1.0 (included) standards, specifications, approvals certificate of suitability CE, FCC, IC, cULus certificate of suitability • IECEx No reference code / according to IEC 81346-2:2019 TFB accessories accessories Antenna cable further information / internet links internet link • to web page: selection aid TIA Selection Tool https://support.industry.siemens.com/cs/ww/en/view/67384964	shock acceleration	500 m/s ²
depth diameter 8 mm net weight 10 g fastening method 2 stainless steel csrew nuts M8 x 1.0 (included) standards, specifications, approvals certificate of suitability CE, FCC, IC, cULus certificate of suitability IECEX No reference code / according to IEC 81346-2:2019 TFB accessories accessories Antenna cable further information / internet links internet link • to web page: selection aid TIA Selection Tool https://support.industry.siemens.com/cs/ww/en/view/67384964	vibrational acceleration	200 m/s²
diameter 8 mm net weight 10 g fastening method 2 stainless steel csrew nuts M8 x 1.0 (included) standards, specifications, approvals certificate of suitability CE, FCC, IC, cULus certificate of suitability • IECEx No reference code / according to IEC 81346-2:2019 TFB accessories accessories Antenna cable further information / internet links internet link • to web page: selection aid TIA Selection Tool https://support.industry.siemens.com/cs/ww/en/view/67384964	design, dimensions and weights	
net weight fastening method 2 stainless steel csrew nuts M8 x 1.0 (included) standards, specifications, approvals certificate of suitability	depth	38 mm
fastening method standards, specifications, approvals certificate of suitability certificate of suitability IECEX No reference code / according to IEC 81346-2:2019 accessories accessories Antenna cable further information / internet links internet link • to web page: selection aid TIA Selection Tool 2 stainless steel csrew nuts M8 x 1.0 (included) TER Antenna cable steel csrew nuts M8 x 1.0 (included) Antenna cable steel csrew nuts M8 x 1.0 (included) Examples 1.0 (included) Antenna cable steel csrew nuts M8 x 1.0 (included) Examples 2.1 (included) Antenna cable steel csrew nuts M8 x 1.0 (included) Examples 2.1 (included) Antenna cable steel csrew nuts M8 x 1.0 (included) Examples 2.1 (included) Antenna cable steel csrew nuts M8 x 1.0 (included) Examples 2.1 (i	diameter	8 mm
standards, specifications, approvals certificate of suitability • IECEX reference code / according to IEC 81346-2:2019 accessories accessories Antenna cable further information / internet links internet link • to web page: selection aid TIA Selection Tool CE, FCC, IC, cULus No TFB Antenna cable https://support.industry.siemens.com/cs/ww/en/view/67384964	net weight	10 g
certificate of suitability e IECEx No reference code / according to IEC 81346-2:2019 accessories accessories Antenna cable further information / internet links internet link • to web page: selection aid TIA Selection Tool CE, FCC, IC, cULus No TFB Antenna cable https://support.industry.siemens.com/cs/ww/en/view/67384964	fastening method	2 stainless steel csrew nuts M8 x 1.0 (included)
certificate of suitability • IECEx No reference code / according to IEC 81346-2:2019 TFB accessories accessories Antenna cable further information / internet links internet link • to web page: selection aid TIA Selection Tool https://support.industry.siemens.com/cs/ww/en/view/67384964	standards, specifications, approvals	
IECEX No reference code / according to IEC 81346-2:2019 accessories accessories Antenna cable further information / internet links internet link • to web page: selection aid TIA Selection Tool https://support.industry.siemens.com/cs/ww/en/view/67384964	certificate of suitability	CE, FCC, IC, cULus
reference code / according to IEC 81346-2:2019 accessories accessories Antenna cable further information / internet links internet link • to web page: selection aid TIA Selection Tool https://support.industry.siemens.com/cs/ww/en/view/67384964	certificate of suitability	
accessories accessories Antenna cable further information / internet links internet link • to web page: selection aid TIA Selection Tool https://support.industry.siemens.com/cs/ww/en/view/67384964	• IECEx	No
accessories further information / internet links internet link • to web page: selection aid TIA Selection Tool https://support.industry.siemens.com/cs/ww/en/view/67384964	reference code / according to IEC 81346-2:2019	TFB
further information / internet links internet link • to web page: selection aid TIA Selection Tool https://support.industry.siemens.com/cs/ww/en/view/67384964	accessories	
internet link ◆ to web page: selection aid TIA Selection Tool https://support.industry.siemens.com/cs/ww/en/view/67384964	accessories	Antenna cable
• to web page: selection aid TIA Selection Tool https://support.industry.siemens.com/cs/ww/en/view/67384964	further information / internet links	
	internet link	
• to website: Industrial communication http://www.siemens.com/ident/rfid	 to web page: selection aid TIA 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: Industry Mall	https://mall.industry.siemens.com

• to website: Information and Download Center

• to website: Image database

• to website: CAx-Download-Manager

• to website: Industry Online Support

http://www.siemens.com/industry/infocenter

http://automation.siemens.com/bilddb

http://www.siemens.com/cax

https://support.industry.siemens.com

last modified:

8/29/2023