SIMATIC RF200/RF300 AND MOBY E

Product Data Sheet

6GT2398-1CA00

ANT 18 RFID antenna

NOMINAL FREQUENCY	MAXIMUM LIMITING DISTANCE	ANTENNA CONNECTION	ANTENNA CABLE
13.56 MHz	**15 mm, transponder-dependent**	**M8 4-pole male**	**3 m**

Siemens 6GT2398-1CA00 is the ANT 18 antenna for compatible SIMATIC RF200, RF300 and MOBY E identification arrangements. Its cylindrical M18 housing and attached three-meter cable provide a compact external antenna connection for the specified reader families.

01 TECHNICAL DATA

Nominal frequency	13.56 MHz
Maximum limiting distance	15 mm, transponder-dependent
Antenna connection	M8 4-pole male
Antenna cable	3 m
Housing thread	M18 x 1.0
Body material	Krastin
Maximum mounting torque	3 Nm
Operating temperature	-25 to +70 °C
Storage temperature	-40 to +85 °C
Front protection rating	IP67

02 ADDITIONAL PRODUCT DATA

Shock acceleration	500 m/s²
Vibration acceleration	200 m/s²
Compatible readers	RF250R/RF350R/RF350M/MOBY E

03 PRODUCT FUNCTION

The antenna works at 13.56 MHz and connects through a four-pole male M8 interface. Its limiting distance is up to 15 mm depending on the transponder, so the practical reading geometry is determined by the antenna, reader and data carrier together. The published front protection is IP67 and the operating range is -25 to +70 °C.

04 SYSTEM COMPATIBILITY

Route the three-meter antenna cable to the four-pole M8 connection and secure the cylindrical body with the specified M18 x 1.0 plastic nuts. Keep tightening torque within 3 Nm and avoid transferring cable tension to the antenna connection.

05 REFERENCE

Siemens 6GT2398-1CA00 technical data and applicable product instructions

AMIKON PRODUCT SUPPORT

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