

product type designation

Antenna ANT D6

MOBY D antenna ANT D6 to connection to SLG D10/SLG D10S Basic units, Write/read Range up to 600 mm (depending on transponder), 480x 580 x100 mm incl. antenna cable PVC 3.3 m; .



product brand name

SIMATIC RF

Technical Product Detail Page

<https://l.siemens.com/1P6GT2698-5AB00>

suitability for operation

RF290R, MOBY D with SLG D10

radio frequencies

transmission frequency / rated value

13.56 MHz

electrical data

type of electrical connection / of the antenna

1-pol. TNC-Stecker

design of plug-in connection

female

mechanical data

material

Aluminum / plastic

color

black / gray

mounting distance

- relating to metal surfaces / recommended / minimum

0 m

ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-20 ... +55 °C

-25 ... +70 °C

-25 ... +70 °C

protection class IP

IP65

shock resistance

according to EN 60721-3-7 Class 7M2

shock acceleration

300 m/s²

vibrational acceleration

10 m/s²

design, dimensions and weights

width

480 mm

height

580 mm

depth

110 mm

net weight

3300 g

fastening method

4 screws M6

wire length / of antenna cable

3.3 m

standards, specifications, approvals

certificate of suitability

CE, FCC, cULus

certificate of suitability

- IECEX

No

accessories

accessories

Antenna cables 3.3 m, 10 m, extension 7.2 m

further information / internet links

internet link

- to website: Selection guide for cables and connectors

<https://support.industry.siemens.com/cs/ww/en/view/109766358>

- to web page: selection aid TIA Selection Tool
- to web page: RFID country approval
- to web page: identification and localization systems
- to web page: SiePortal
- to website: Image database
- to website: CAX-Download-Manager
- to website: Industry Online Support

- <https://www.siemens.com/tstcloud>
- <https://www.siemens.com/rfid-approvals>
- <https://www.siemens.com/ident>
- <https://sieportal.siemens.com/>
- <https://www.automation.siemens.com/bilddb>
- <https://www.siemens.com/cax>
- <https://support.industry.siemens.com>

security information

security information

Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under <https://www.siemens.com/cert>. (V4.7)

last modified:

3/10/2026 