

### product type designation



### Antenna ANT794-3M

ANT794-3M mobile wireless antenna for 2G, GSM networks, flat antenna for 900/1800/ 1900 MHz; weatherproof for indoor and outer area; 1.2 m Connection cable permanently connected to the antenna; SMA connector; incl. adhesive tape for mounting.

suitability for operation

for indoor and outdoor applications

### radio frequencies

type of wireless network / is supported

GSM

operating frequency

900 MHz, 1800 MHz, 1900 MHz

### electrical data

antenna gain

0 dB

radiation characteristic

directional

standing wave ratio (VSWR) / maximum

1.5

type of electrical connection / of the antenna

SMA Connector

design of plug-in connection

male

### mechanical data

material

- of outer shell

ABS Polylac PA-765, light gray (RAL 7035)

### ambient conditions

ambient temperature

- during operation

-40 ... +75 °C

protection class IP

IP64

### design, dimensions and weights

width

70.5 mm

height

20.5 mm

depth

146.5 mm

net weight

130 g

fastening method

screw fixing

fastening method

- mast mounting
- flat roof mounting
- wall mounting
- roof mounting
- directly on the device

Yes

No

Yes

No

No

wire length / of antenna cable

1.2 m

### standards, specifications, approvals

certificate of suitability

- RoHS conformity

Yes

reference code / according to IEC 81346-2:2019

TFB

### further information / internet links

internet link

- to website: Selection guide for cables and connectors
- to web page: selection aid TIA Selection Tool
- to website: Mobile radio national approval

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

<https://www.siemens.com/tstcloud>

<https://www.siemens.com/mobile-approvals>

- to website: Industrial communication
- to web page: SiePortal
- to website: Image database
- to website: CAX-Download-Manager
- to website: Industry Online Support

<https://www.siemens.com/simatic-net>  
<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](http://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:

5/9/2025 