

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

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