

### product type designation



### Antenna ANT794-4MR

ANT794-4MR mobile wireless antenna for 2G/3G/4G EU, GSM/UMTS/ LTE EU networks, Rod antenna; omnidirectional; weatherproof for indoors and outdoors; 5 m Connection cable permanently connected to the antenna; SMA connector; incl. mounting bracket, screws, screw anchor.

suitability for operation

for indoor and outdoor applications

### radio frequencies

type of wireless network / is supported

LTE, UMTS, GSM

operating frequency

800 MHz, 850 MHz, 900 MHz, 1800 MHz, 1900 MHz, 2600 MHz

antenna gain

0 dB

### electrical data

impedance

50  $\Omega$

polarization

linear vertical

radiation characteristic

omnidirectional

antenna gain

0 dB

standing wave ratio (VSWR) / maximum

1.9

type of electrical connection / of the antenna

SMA Connector

design of plug-in connection

male

### mechanical data

material

- of outer shell

Hard PVC, UV-resistant

### ambient conditions

ambient temperature

- during operation

-40 ... +70 °C

protection class IP

IP65

### design, dimensions and weights

width

25 mm

height

193 mm

depth

25 mm

diameter

25 mm

net weight

310 g

fastening method

angle bracket and mounting parts

fastening method

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

Yes  
No  
Yes  
No  
No

wire length / of antenna wire

5 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 web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAX-Download-Manager
- to website: Industry Online Support

<http://www.siemens.com/snst>  
<http://www.siemens.com/simatic-net>  
<https://mall.industry.siemens.com>  
<http://www.siemens.com/industry/infocenter>  
<http://automation.siemens.com/bilddb>  
<http://www.siemens.com/cax>  
<https://support.industry.siemens.com>

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