

### 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 Ω
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	
<ul style="list-style-type: none"> <li>of outer shell</li> </ul>	Hard PVC, UV-resistant

### ambient conditions

ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> </ul>	-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	
<ul style="list-style-type: none"> <li>mast mounting</li> <li>flat roof mounting</li> <li>wall mounting</li> <li>roof mounting</li> <li>directly on the device</li> </ul>	Yes No Yes No No
wire length / of antenna cable	5 m

### standards, specifications, approvals

certificate of suitability	
<ul style="list-style-type: none"> <li>RoHS conformity</li> </ul>	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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