

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"> of outer shell 	Hard PVC, UV-resistant

ambient conditions

ambient temperature	
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> RoHS conformity 	Yes
reference code	

- according to IEC 81346-2
- according to IEC 81346-2:2019

TF
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>

last modified:

11/3/2021 