

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
antenna gain	0 dB

electrical data

radiation characteristic	directional
antenna gain	0 dB
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	
<ul style="list-style-type: none"> of outer shell 	ABS Polylac PA-765, light gray (RAL 7035)

ambient conditions

ambient temperature	
<ul style="list-style-type: none"> 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	
<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	1.2 m

standards, specifications, approvals

certificate of suitability	
<ul style="list-style-type: none"> RoHS conformity 	Yes
reference code	
<ul style="list-style-type: none"> 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>

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