

### 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
<b>Radio frequencies</b>	
Type of mobile network / is supported	GSM, UMTS, LTE
Operating frequency	800 MHz, 850 MHz, 900 MHz, 1800 MHz, 1900 MHz, 2600 MHz
<b>Electrical data</b>	
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
<b>Mechanical data</b>	
Material	
• of outer shell	Hard PVC, UV-resistant
<b>Ambient conditions</b>	
Ambient temperature	

• during operation	-40 ... +70 °C
Protection class IP	IP65
Width	25 mm
Height	193 mm
Depth	25 mm
Diameter	25 mm
Net weight	310 g
Mounting type	angle bracket and mounting parts
Wire length / of antenna cable	5 m

#### Standards, specifications, approvals

Certificate of suitability	
• RoHS conformity	Yes

#### Further information / Internet-Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
• to website: Industrial communication	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx Download Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

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