

### Product type designation



### Antenna ANT794-4MR

ANTENNA ANT794-4MR FOR LTE (4G) A. UMTS (3G) A. GSM (2G) MOBILE RADIO; BAR ANTENNA OMNIDIRECTIONAL; WEATHER RESISTANT FOR INSIDE AND OUTSIDE; 5M CONNECTING CABLE FAST CONNECTED WITH THE ANTENNA; SMA CONNECTOR; INCL. MOUNTING ANGLE, SCREWS, DOWELS

Suitability for operation	for indoor and outdoor applications
<b>Wireless 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
Transmit power / maximum	20 W
<b>Mechanical data</b>	
Material	
• of outer shell	Hard PVC, UV-resistant
<b>Permitted ambient conditions</b>	
Ambient temperature	
• during operation	-40 ... +70 °C
Protection class IP	IP65
<b>Design, dimensions and weight</b>	
Width	25 mm
Height	193 mm

Depth	25 mm
Diameter	25 mm
Net weight	0.31 kg
Mounting type	angle bracket and mounting parts
Cable length / of antenna cable	5 m

#### Standards, specifications, approvals

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

#### Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Selector SIMATIC NET SELECTION TOOL</li> <li>• to website: Industrial communication</li> <li>• to website: Industry Mall</li> <li>• to website: Information and Download Center</li> <li>• to website: Image database</li> <li>• to website: CAx Download Manager</li> <li>• to website: Industry Online Support</li> </ul>	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>  <a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>  <a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>  <a href="http://www.siemens.com/automation/net/catalog">http://www.siemens.com/automation/net/catalog</a>  <a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>  <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>  <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

**last modified:** 24.04.2015