

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
Wireless frequencies	
Type of mobile network / is supported	GSM, UMTS, LTE
Operating frequency	800 MHz, 850 MHz, 900 MHz, 1800 MHz, 1900 MHz, 2600 MHz
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
Transmit power / maximum	20 W
Mechanical data	
Material	
<ul style="list-style-type: none"> of outer shell 	Hard PVC, UV-resistant
Permitted ambient conditions	

Ambient temperature	
• during operation	-40 ... +70 °C
Protection class IP	IP65

Design, dimensions and weight

Width	25 mm
Height	193 mm
Depth	25 mm
Diameter	25 mm
Net weight	0.31 kg
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	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

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