

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 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
Mechanical data	
Material	
• of outer shell	Hard PVC, UV-resistant
Ambient conditions	
Ambient temperature	

• 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
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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