SIEMENS

Data sheet 6NH9860-1AA00

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 wireless network / is supported	LTE, UMTS, GSM
operating frequency	800 MHz, 850 MHz, 900 MHz, 1800 MHz, 1900 MHz, 2600 MHz
antenna gain	0 dB
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
fastening method	angle bracket and mounting parts
fastening method	
● mast mounting	Yes
● flat roof mounting	No
● wall mounting	Yes
● roof mounting	No
● directly on the device	No
wire length / of antenna wire	5 m
standards, specifications, approvals	
certificate of suitability	
● RoHS conformity	Yes
reference code / according to IEC 81346-2:2019	TFB
further information / internet-Links	

Internet-Link	
● to web page: selection aid TIA 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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