

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

- 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
Cable 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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