

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

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

Further Information / Internet Links

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

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