

Product type designation

Antenna ANT794-3M

FLAT ANTENNA FOR GSM - (2G) NETWORKS, TRIPLE-BAND WITH 900 / 1800 / 1900 MHZ; INDEPENDENT MOUNTING FOR INSIDE AND OUTSIDE; 1.2 M CONNECTING CABLE FIXED PERMANENTLY WITH ANTENNA; SMA CONNECTOR; INCL. MOUNTING BONDING PAD



Suitability for operation

for indoor and outdoor applications

Wireless frequencies

Type of mobile network / is supported

GSM

Operating frequency

900 MHz, 1800 MHz, 1900 MHz

Electrical data

Radiation characteristic

directional

Antenna gain

0 dB

Standing wave ratio (VSWR) / maximum

1.5

Type of electrical connection / of the antenna

SMA Connector

Design of plug-in connection

male

Transmit power / maximum

10 W

Mechanical data

Material

• of outer shell

ABS Polylac PA-765, light gray (RAL 7035)

Permitted ambient conditions

Ambient temperature

• during operation

-40 ... +75 °C

Protection class IP	IP64
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Design, dimensions and weight

Width	70.5 mm
Height	20.5 mm
Depth	146.5 mm
Net weight	130 g
Mounting type	screw fixing
Wire length / of antenna cable	1.2 m

Standards, specifications, approvals

Certificate of suitability	
• RoHS conformity	Yes

Further Information / Internet Links

Internet-Link	
• 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/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com

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