

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
Cable length / of antenna cable	1.2 m

Standards, specifications, approvals

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

Further Information / Internet Links

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/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com

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