SIEMENS

Product type designation	Antenna ANT792-6MN
	IWLAN ANTENNA ANT 792-6MN WITH OMNIDIRECTIONAL CHARACTERISTIC INCL. N-FEMALE CONNECTOR: 6 DBI IP65 (-40-+70 DGR C), 2.4 GHZ WI-FI COMPLIANCE AND NATIONAL APPROVALS WALL OR MAST MOUNTING, COMPACT MANUAL ON PAPER GERMAN/ENGLISH SCOPE OF SUPPLY: 1X ANT792-6MN, 1X TERMINATING RESISTANCE TI795-1R

Wireless frequencies	
Type of mobile network / is supported	WLAN
Operating frequency	
• for WLAN in 2.4 GHz frequency band	2.4 ... 2.5 GHz

Electrical data	
Impedance	50 Ω
Polarization	linear vertical
Radiation characteristic	omnidirectional
Antenna gain compared to spherical radiator	
• of the WLAN antenna / in the 2.4 GHz frequency band	6 dB
Standing wave ratio (VSWR) / maximum	1.8
Radiating angle of the antenna	
• in the 2.4 GHz frequency band / horizontal	360°
• in the 2.4 GHz frequency band / vertical	30°
Number of electrical connections / of the antenna	1
Type of electrical connection / of the antenna	N-Connector
Design of plug-in connection	female

Angle of inclination / downward / maximum	0°
Transmit power / maximum	25 W
Range / with clear line of sight / without disturbance	200 m; Remark: the distance can be much less and is depending on the space around, on the wireless standard in use, on the data rate and on the antenna installed on the partner station

Mechanical data
Material	
• of outer shell	Glass fiber

Permitted ambient conditions
Ambient temperature	
• during operation	-40 ... +80 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
Protection class IP	IP65
Wind load / maximum	3 N; at 160 km/h

Design, dimensions and weight
Width	50 mm
Height	370 mm
Depth	40 mm
Net weight	300 g
Mounting type	
• mast mounting	Yes
• wall mounting	Yes
• roof mounting	No
• directly on the device	No

Product properties, functions, components / general
Product property / silicon-free	Yes

Standards, specifications, approvals
Certificate of suitability	
• RoHS conformity	Yes
Wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen

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

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- to website: Industry Online Support   https://support.industry.siemens.com

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