

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 - in the 2.4 GHz frequency band / vertical	360° 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 feature / silicon-free	Yes
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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

- to website: Industry Online Support

<https://support.industry.siemens.com>

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