

product type designation



Antenna ANT792-6MN

ANT792-6MN IWLAN antenna with omnidirectional characteristic incl. N-female plug; 6 dBi IP67 (-40-+70 °C); 2.4 GHz; Wi-Fi compliance and observe national approvals; mounting on wall or mast, compact instructions as hard copy German/English, scope of delivery: 1x ANT792-6MN, 1x terminating resistor TI795-1R .

radio frequencies

type of wireless network / is supported	WLAN
operating frequency	
• for WLAN in 2.4 GHz frequency band	2.4 ... 2.5 GHz

electrical data

antenna gain compared to spherical radiator	
• of the WLAN antenna / in the 2.4 GHz frequency band	6 dB
impedance	50 Ω
polarization	Linear Vertical
radiation characteristic	omnidirectional
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°

mechanical data

material	
• of outer shell	Glass fiber

ambient conditions

ambient temperature	
• during operation	-40 ... +80 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
protection class IP	IP67
wind load / maximum	3 N; at 160 km/h

design, dimensions and weights

width	50 mm
height	370 mm
depth	40 mm
net weight	300 g
fastening method	
• mast mounting	Yes
• wall mounting	Yes
• roof mounting	No
• directly on the device	No

product features, product functions, product components / general

product feature / silicon-free	Yes
standards, specifications, approvals	
certificate of suitability	
• RoHS conformity	Yes
product conformity	UL 94-HB
wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen
reference code / according to IEC 81346-2:2019	TFB
further information / internet links	
internet link	
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
• to web page: WLAN country approval	https://www.siemens.com/wireless-approvals
• to website: Industrial communication	https://www.siemens.com/simatic-net
• to web page: SiePortal	https://sieportal.siemens.com/
• to website: Image database	https://www.automation.siemens.com/bilddb
• to website: CAX-Download-Manager	https://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
security information	
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