

product type designation



Antenna ANT793-6MN

***** spare part ***** ANT793-6MN WLAN antenna with omnidirectional characteristic incl. N-female plug: 5 dBi IP65 (-45-+70 °C), 5 GHz Wi-Fi compliance and observe national approvals; mounting on wall or mast; compact instructions as hard copy German/English scope of delivery: 1x ANT793-6MN, 1x terminating resistor TI795-1R .

radio frequencies	
type of wireless network / is supported	WLAN
operating frequency	
• for WLAN in 5 GHz frequency band 1	5.15 ... 5.875 GHz
antenna gain compared to spherical radiator	
• of the WLAN antenna / in the 5 GHz frequency band	5 dB
electrical data	
impedance	50 Ω
polarization	linear vertical
radiation characteristic	omnidirectional
antenna gain compared to spherical radiator	
• of the WLAN antenna / in the 5 GHz frequency band	5 dB
standing wave ratio (VSWR) / maximum	1.5
radiating angle of the antenna	
• in the 5 GHz frequency band / horizontal	360°
• in the 5 GHz frequency band / vertical	25°
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	Polypropylene
ambient conditions	
ambient temperature	
• during operation	-45 ... +70 °C
• during storage	-45 ... +70 °C
• during transport	-45 ... +70 °C
protection class IP	IP65
wind load / maximum	3.9 N; at 160 km/h
design, dimensions and weights	
width	16 mm
height	160 mm
depth	16 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 web page: selection aid TIA 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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