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Data sheet 6GK5793-8DP00-0AA0

product type designation

Antenna ANT793-8DP

ANT793-8DP IWLAN antenna with strong directional effect incl. N-female plug: 13/13.5 dBi; IP66/67; (-40-+80 °C); 4.9-5.35 GHz; Wi-Fi compliance and observe national approvals! Mounting on wall or mast; Compact instructions as hard copy German/English; scope of delivery: 1x ANT793-8DP, 1x mounting aid for alignment .

radio frequencies	
type of wireless network / is supported	WLAN
operating frequency	
● for WLAN in 5 GHz frequency band 1	4.9 ... 5.35 GHz
electrical data	
antenna gain compared to spherical radiator	
● of the WLAN antenna / in the 5 GHz frequency band	13.5 dB
impedance	50 Ω
polarization	Linear Vertical
radiation characteristic	directional
standing wave ratio (VSWR) / maximum	1.5
radiating angle of the antenna	
● in the 5 GHz frequency band / horizontal	40°
● in the 5 GHz frequency band / vertical	35°
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°
front-to-back ratio	20 dB
mechanical data	
material	
● of outer shell	Lexan EXL 9330
ambient conditions	
ambient temperature	
● during operation	-40 ... +80 °C
● during storage	-40 ... +80 °C
● during transport	-40 ... +80 °C
protection class IP	IP66/67
wind load / maximum	15 N; frontal at 160 km/h
design, dimensions and weights	
width	80 mm
height	101 mm
depth	35 mm
net weight	110 g
fastening method	
● mast mounting	Yes
● wall mounting	Yes
● roof mounting	No
● directly on the device	No

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product features, product functions, product components / general	
product feature / silicon-free	Yes
standards, specifications, approvals	
certificate of suitability	
● RoHS conformity	Yes
● railway application in accordance with EN 50155	Yes
● fire protection in accordance with EN 45545-2	Yes
product conformity	UL 94-V0
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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