SIEMENS

Data sheet   **6GK5793-8DP00-0AA0**

product type designation	**Antenna ANT793-8DP**

ANT793-8DP IWLAN antenna with strong directional effect incl. N-female connector: 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 English/German; 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

impedance	50 Ω
polarization	linear vertical
radiation characteristic	directional
antenna gain compared to spherical radiator	
● of the WLAN antenna / in the 5 GHz frequency band	13.5 dB
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

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● 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
● 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
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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