SIEMENS

Data sheet   **6GK5793-8DK00-0AA0**

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

ANT793-8DK IWLAN antenna vertically-horizontally polarized with strong directional effect incl. 2x N-female socket; 23 dBi; IP67 (-45-+70°C), 5 GHz; Wi-Fi compliance and Observe national approvals; Mounting on wall or mast; compact instructions as hard copy English/German; scope of delivery: 1x ANT793-8DK, 1x mounting aid for alignment

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	23 dB

electrical data	
impedance	50 Ω
polarization	Dual linear vertical-horizontal
radiation characteristic	directional
antenna gain compared to spherical radiator	
● of the WLAN antenna / in the 5 GHz frequency band	23 dB
standing wave ratio (VSWR) / maximum	1.7
radiating angle of the antenna	
● in the 5 GHz frequency band / horizontal	9°
● in the 5 GHz frequency band / vertical	9°
number of electrical connections / of the antenna	2
type of electrical connection / of the antenna	N-Connector
design of plug-in connection	female
angle of inclination / downward / maximum	0°
crosstalk attenuation / between the antenna connections	40 dB
front-to-back ratio	35 dB

mechanical data	
material	
● of outer shell	Polycarbonate

ambient conditions	
ambient temperature	
● during operation	-45 ... +70 °C
● during storage	-45 ... +70 °C
● during transport	-45 ... +70 °C
protection class IP	IP67
wind load / maximum	389 N; frontal at 220 km/h

design, dimensions and weights	
width	371 mm
height	371 mm
depth	40 mm

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net weight	2500 g
fastening method	
● mast mounting	Yes
● wall mounting	Yes
● roof mounting	No
● directly on the device	No
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 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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