

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 German/English; scope of delivery: 1x ANT793-8DK, 1x mounting aid for alignment .

Technical Product Detail Page

<https://l.siemens.com/1P6GK5793-8DK00-0AA0>

radio frequencies

type of wireless network / is supported	WLAN
operating frequency	
• for WLAN in 5 GHz frequency band 1	5.15 ... 5.875 GHz

electrical data

antenna gain compared to spherical radiator	
• of the WLAN antenna / in the 5 GHz frequency band	23 dB
impedance	50 Ω
polarization	Dual linear vertical-horizontal
radiation characteristic	directional
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
net weight	2500 g
fastening method	
• mast mounting	Yes

• wall mounting • roof mounting • directly on the device	Yes No 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 website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to web page: WLAN country approval • to website: Industrial communication • to web page: SiePortal • to website: Image database • to website: CAX-Download-Manager • to website: Industry Online Support	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/wireless-approvals https://www.siemens.com/simatic-net https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com
security information	
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