

product type designation



Antenna ANT795-4MD

ANT795-4MD IWLAN antenna with omnidirectional Characteristic; including N-Connect male plug with fixed 90° angle; 3/5 dBi; IP65 (-20-+60 °C), 2.4/5GHz; Wi-Fi compliance and observe national approvals; direct mounting on SCALANCE W with N-Connect connection system; scope of delivery: 1x ANT795-4MD, compact instructions as hard copy German/English.

product brand name	SCALANCE
Technical Product Detail Page	https://l.siemens.com/1P6GK5795-4MD00-0AA3
radio frequencies	
type of wireless network / is supported	WLAN
operating frequency	
<ul style="list-style-type: none"> for WLAN in 2.4 GHz frequency band for WLAN in 5 GHz frequency band 1 for WLAN in 5 GHz frequency band 2 	2.4 ... 2.4835 GHz 5.15 ... 5.35 GHz 5.725 ... 5.85 GHz
electrical data	
antenna gain compared to spherical radiator	
<ul style="list-style-type: none"> of the WLAN antenna / in the 2.4 GHz frequency band of the WLAN antenna / in the 5 GHz frequency band 	3 dB 5 dB
impedance	50 Ω
polarization	Linear Vertical
radiation characteristic	omnidirectional
standing wave ratio (VSWR) / maximum	2
radiating angle of the antenna	
<ul style="list-style-type: none"> in the 2.4 GHz frequency band / horizontal in the 5 GHz frequency band / horizontal 	360° 360°
number of electrical connections / of the antenna	1
type of electrical connection / of the antenna	N-Connector
design of plug-in connection	male, 90° angle
angle of inclination / downward / maximum	0°
mechanical data	
material	
<ul style="list-style-type: none"> of outer shell 	Polycarbonate
ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport 	-20 ... +65 °C -20 ... +65 °C -20 ... +65 °C
protection class IP	IP65
design, dimensions and weights	
width	35 mm
height	160 mm
depth	13 mm
net weight	40 g
fastening method	

- mast mounting No
- wall mounting No
- roof mounting No
- directly on the device Yes

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

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

security information

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