SIEMENS

Data sheet

6GK5795-4MD00-0AA3

product type designation



Antenna ANT795-4MD

ANT795-4MD IWLAN antenna with omnidirectional Characteristic; incl. N-Female Connector 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

radio frequencies		
type of wireless network / is supported	WLAN	
operating frequency		
 for WLAN in 2.4 GHz frequency band 	2.4 2.4835 GHz	
 for WLAN in 5 GHz frequency band 1 	5.15 5.35 GHz	
 for WLAN in 5 GHz frequency band 2 	5.725 5.85 GHz	
electrical data		
impedance	50 Ω	
polarization	linear vertical	
radiation characteristic	omnidirectional	
antenna gain compared to spherical radiator		
 of the WLAN antenna / in the 2.4 GHz frequency band 	3 dB	
of the WLAN antenna / in the 5 GHz frequency band	5 dB	
standing wave ratio (VSWR) / maximum	2	
radiating angle of the antenna		
 in the 2.4 GHz frequency band / horizontal 	360°	
• in the 5 GHz frequency band / horizontal	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		
of outer shell	Polycarbonate	
ambient conditions		
ambient temperature		
 during operation 	-20 +65 °C	
during storage	-20 +65 °C	
 during transport 	-20 +65 °C	
protection class IP	IP65	
design, dimensions and weights		
width	35 mm	
height	160 mm	
depth	13 mm	
net weight	35 g	

fastening method • mast mounting • wall mounting • wall mounting • roof mounting • roof mounting • directly on the device product features, product functions, product components / general product feature / silicon-free yes standards, specifications, approvals certificate of suitability • RoHS conformity product conformity 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 • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Image database • to website: CAX-Download-Manager http://www.siemens.com/jindustry/infocenter http://www.siemens.com/pilddb • to website: CAX-Download-Manager		
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