SIEMENS

Data sheet

6GK5795-4MA00-0AA3

Product type designation



Antenna ANT795-4MA

IWLAN ANTENNA ANT 795-4MA WITH OMNIDIRECTIONAL CHARACTERISTIC, RADIAL ROTATAB., WITH ADDITIONAL JOINT, ANTENNA GAIN: 3/5DBI, INCL. RSMA CONNECTOR, IP30 (-20-+60DGR C), 2.4/5 GHZ; PLEASE NOTE: WI-FI COMPLIANCE AND NATIONAL APPROVALS; DIRECT MOUNTING TO SCALANCE W WITH RSMA CONNECT. METHOD; SCOPE OF SUPPLY:1X ANT795-4MA COMPACT INSTRUCTIONS ON PAPER GERMAN / ENGLISH

Wireless frequencies	
Type of mobile 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°

Number of electrical connections / of the antenna Type of electrical connection / of the antenna Design of plug-in connection Angle of inclination / downward / maximum Mechanical data Material	in the 5 GHz frequency band / horizontal	360°
Type of electrical connection / of the antenna Design of plug-in connection Angle of inclination / downward / maximum Mechanical data Material of outer shell Polycarbonate Permitted ambient conditions Ambient temperature during operation during storage during transport Protection class IP Posign, dimensions and weight Width 150 mm Depth 13 mm Net weight 29 kg Mounting type mast mounting wall mounting directly on the device Product properties, functions, components / general Product feature / silicon-free Yes Standards, specifications, approvals Wireless approval R-SMA Connector male, variable 0-90° male, variable, variable, variable, variable, variable, va		
Design of plug-in connection male, variable 0-90° Angle of inclination / downward / maximum 0° Mechanical data Material		
Angle of inclination / downward / maximum Mechanical data Material		
Mechanical data Material of outer shell Polycarbonate Permitted ambient conditions Ambient temperature during operation during storage during storage during transport Protection class IP Possign, dimensions and weight Width 35 mm Height 160 mm Depth 13 mm Net weight 29 kg Mounting type mast mounting wall mounting or of mounting or of mounting or directly on the device Product properties, functions, components / general Product feature / silicon-free Yes Standards, specifications, approvals Wireless approval Wireless approval Pour during volument on the Internet under www.siemens.com/funkzulassungen		
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Net weight Mounting type mast mounting wall mounting roof mounting directly on the device Product properties, functions, components / general Product feature / silicon-free Yes Standards, specifications, approvals Wireless approval Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen	Height	160 mm
Mounting type • mast mounting • wall mounting • roof mounting • directly on the device Product properties, functions, components / general Product feature / silicon-free Standards, specifications, approvals Wireless approval Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen	Depth	13 mm
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• directly on the device Product properties, functions, components / general Product feature / silicon-free Yes Standards, specifications, approvals Wireless approval Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen	wall mounting	No
Product properties, functions, components / general Product feature / silicon-free Yes Standards, specifications, approvals Wireless approval Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen	• roof mounting	No
Product feature / silicon-free Yes Standards, specifications, approvals Wireless approval Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen	 directly on the device 	Yes
Product feature / silicon-free Yes Standards, specifications, approvals Wireless approval Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen	Product properties functions components/genera	
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Internet-Link		
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