SIEMENS

Industry Automation and Drive Technologies Service & Support

6GK5795-6MN00-0AA6 IWLAN ANTENNA ANT795-6MN

Technical Data



IWLAN ANTENNA ANT 795-6MN WITH OMNIDIRECTIONAL CHARACTERISTIC INCL. N-FEMALE CONNECTOR: 6/8 DBI IP65 (-40-+70 DGR C), 2.4/5GHZ WI-FI COMPLIANCE AND NATIONAL APPROVALS ROOF AND VEHICLE MOUNTING COMPACT MANUAL ON PAPER GERMAN/ENGLISH SCOPE OF SUPPLY: 1X ANT795-6MN, 1X TERMINATING RESISTANCE TI795-1R FOR MOUNTING USE MOUNTING SUPPORT 6GK5795-6MN01-0AA6

Wireless frequencies	
Radio frequency	
• for WLAN in 2.4 GHz frequency band	
• initial value	2.4 GHz
• end value	2.7 GHz
• for WLAN in 5 GHz frequency band 1	
• initial value	3.4 GHz
• end value	3.7 GHz
• for WLAN in 5 GHz frequency band 2	
• initial value	4.9 GHz
• end value	5.935 GHz
[nicht versorgt: TAK_ABR691_001_000]	
Impedance	50 Ω
Antenna gain compared to spherical radiator / of the WLAN antenna	
• in the 2.4 GHz frequency band	6 dB
• in the 5 GHz frequency band	8 dB
Standing wave ratio VSWR / maximum	2
Beam angle of antenna	
• in the 2.4 GHz frequency band	
• horizontal	360°
• in the 5 GHz frequency band	
• horizontal	360°
Number of electrical connections / of antenna	1 1

Angle of inclination / downward / maximum	0°
Transmit power / maximum	75 W
Range / with clear line of sight / without disturbance	200 m
Permitted ambient conditions	
Ambient temperature	
• during operating	-40…+80 °C
• during storage	-40…+80 °C
• during transport	-40…+80 °C
Protection class IP	IP65
Wind load / maximum	10 N
Design, dimensions and weight	
Width	86 mm
Height	43 mm
Depth	86 mm
Net weight	300 g
Type of mounting	
• mast mounting	No
• wall mounting	Yes
• ceiling mounting	Yes
• direct on the device	No
Product feature / [not supplied - silicon-free]	Yes
Standards, specifications, approvals	
Verification of suitability	
• RoHS conformity	Yes
• Railway application in accordance with EN 50124-1	Yes
• Railway application in accordance with EN 50155	Yes

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