

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
  - end value
- for WLAN in 5 GHz frequency band 1
  - initial value
  - end value
- for WLAN in 5 GHz frequency band 2
  - initial value
  - end value

2.4 GHz

2.7 GHz

3.4 GHz

3.7 GHz

4.9 GHz

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
- in the 5 GHz frequency band

6 dB

8 dB

Standing wave ratio VSWR / maximum

2

Beam angle of antenna

- in the 2.4 GHz frequency band
  - horizontal
- in the 5 GHz frequency band
  - horizontal

360°

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
<b>Permitted ambient conditions</b>	
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
<b>Design, dimensions and weight</b>	
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
<b>Standards, specifications, approvals</b>	
Verification of suitability	
• RoHS conformity	Yes
• Railway application in accordance with EN 50124-1	Yes
• Railway application in accordance with EN 50155	Yes
<b>letzte Änderung:</b>	May 28, 2012