

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

Technical Data



IWLANT 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
- 2.4 GHz
- for WLAN in 5 GHz frequency band 1
 - initial value
 - end value
- 3.4 GHz
- 3.7 GHz
- for WLAN in 5 GHz frequency band 2
 - initial value
 - end value
- 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

6 dB

- in the 2.4 GHz frequency band
- 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
- 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

letzte Änderung:

May 28, 2012