

Product-type designation

Antenna ANT795-6DN



IWLAN ANTENNA ANT 795-6DN WITH WEAK DIRECTIONAL EFFICIENCY INCL. N-FEMALE CONNECTOR: 9 DBI IP55 (-40-+70 DGR C), 2.4GHZ/ 5GHZ WI-FI COMPLIANCE AND NATIONAL APPROVALS WALL OR MAST MOUNTING, COMPACT MANUAL ON PAPER GERMAN/ENGLISH
SCOPE OF SUPPLY: 1X ANT795-6DN, 1X TERMINATING RESISTANCE TI795-1R 1X MOUNTING SUPPORT FOR ADJUSTMENT

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

2.4 GHz
2.5 GHz

5.15 GHz
5.875 GHz

Electrical data

Impedance

50 Ω

Polarization

linear vertical

Radiation characteristic

directional

Antenna gain compared to spherical radiator / of the WLAN antenna

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

9 dB
9 dB

Standing wave ratio VSWR / maximum

1.5

Beam angle of antenna

- in the 2.4 GHz frequency band
 - horizontal
 - vertical

75 °
55 °

• in the 5 GHz frequency band	
• horizontal	55 °
• vertical	55 °
Angle of inclination / downward / maximum	0 °
Front-to-back ratio	15 dB
Transmit power / maximum	10 W
Transmit power / Note	at 25° ambient temperature
Range / with clear line of sight / without disturbance	200 m
Range / Note	Note: The range can be considerably less, depending on spatial factors, the wireless standard used, the data rate, and the antennas at the other end

Permitted ambient conditions

Ambient temperature	
• during operating	-40 ... +80 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
Protection class IP	IP55
Wind load / maximum	15 N
Wind load / Note	at 160 km/h

Design, dimensions and weight

Width	101 mm
Height	95 mm
Depth	32 mm
Net weight	110 g
Mounting type	
• mast mounting	Yes
• wall mounting	Yes
• roof mounting	No
•	No
Product feature / silicon-free	Yes
Material / of outer shell	ASA

Standards, specifications, approvals

Verification of suitability	
• RoHS conformity	Yes
Wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen

letzte Änderung: Aug 6, 2014