

Product-type designation

Antenna ANT793-6MN



IWLAN ANTENNA ANT 793-6MN WITH OMNIDIRECTIONAL CHARACTERISTIC INCL. N-FEMALE CONNECTOR: 5 DBI IP65 (-40-+70 DGR C), 5GHZ NOTE WI-FI COMPLIANCE AND NATIONAL APPROVALS WALL OR MAST MOUNTING, COMPACT MANUAL ON PAPER GERMAN/ENGLISH SCOPE OF SUPPLY: 1X ANT793-6MN, 1X TERMINATING RESISTANCE TI795-1R

Wireless frequencies

Radio frequency

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

5.15 GHz

5.875 GHz

Electrical data

Impedance

50 Ω

Polarization

linear vertical

Radiation characteristic

omnidirectional

Antenna gain compared to spherical radiator / of the WLAN antenna

- in the 5 GHz frequency band

5 dB

Standing wave ratio VSWR / maximum

1.5

Beam angle of antenna

- in the 5 GHz frequency band

- horizontal

360 °

- vertical

25 °

Angle of inclination / downward / maximum

0 °

Transmit power / maximum

6 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 -45 ... +70 °C
- during storage -45 ... +70 °C
- during transport -45 ... +70 °C

Protection class IP

IP65

Wind load / maximum

3.9 N

Wind load / Note

at 160 km/h

Design, dimensions and weight

Width

16 mm

Height

160 mm

Depth

16 mm

Net weight

300 g

Mounting type

- mast mounting Yes
- wall mounting Yes
- roof mounting No
- No

Product feature / silicon-free

Yes

Material / of outer shell

Polypropylene

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:

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