



IWLAN ANTENNA ANT 792-8DN WITH STRONG DIRECTIONAL EFFICIENCY INCL. N-FEMALE CONNECTOR: 14 DBI, IP23, OUTDOOR, -40-+70 DGR C, 2.4GHZ WI-FI COMPLIANCE AND NATIONAL APPROVALS WALL OR MAST MOUNTING, COMPACT MANUAL ON PAPER GERMAN/ENGLISH SCOPE OF SUPPLY: 1X ANT792-8DN, 1X TERMINATING RESISTANCE TI795-1R 1X MOUNTING SUPPORT FOR ADJUSTMENT

Wireless frequencies

Radio frequency

- for WLAN in 2.4 GHz frequency band
- initial value 2.4 GHz
- end value 2.7 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	14 dB
Standing wave ratio VSWR / maximum	1.5
Beam angle of antenna	
• in the 2.4 GHz frequency band	
• horizontal	35 °
• vertical	30 °
Angle of inclination / downward / maximum	0 °
Front-to-back ratio	20 dB
Transmit power / maximum	75 W
Transmit power / Note	at 25° ambient temperature
Range / with clear line of sight / without disturbance	1000 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

IP23

Wind load / maximum

57 N

Wind load / Note

at 160 km/h

Design, dimensions and weight

Width

200 mm

Height

200 mm

Depth

43 mm

Net weight

500 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:

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