

Product-type designation

Antenna ANT793-8DN



IWLAN ANTENNA ANT 793-8DN WITH STRONG DIRECTIONAL EFFICIENCY INCL. N-FEMALE CONNECTOR: 18 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 ANT793-8DN, 1XTERMINATING RESISTANCE TI795-1R 1X MOUNTING SUPPORT FOR ADJUSTMENT

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, horizontal or vertical

Radiation characteristic

directional

Antenna gain compared to spherical radiator / of the WLAN antenna

- in the 5 GHz frequency band

18 dB

Standing wave ratio VSWR / maximum

1.9

Beam angle of antenna

- in the 5 GHz frequency band

- horizontal

18 °

- vertical

18 °

Angle of inclination / downward / maximum

0 °

Front-to-back ratio

30 dB

Transmit power / maximum

6 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	-45 ... +70 °C
• during storage	-45 ... +70 °C
• during transport	-45 ... +70 °C
Protection class IP	IP65
Wind load / maximum	104 N
Wind load / Note	at 220 km/h
Design, dimensions and weight	
Width	190 mm
Height	190 mm
Depth	30.5 mm
Net weight	700 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:	Jul 21, 2014