

Product-type designation

Antenna ANT793-6DK



IWLAN ANTENNA ANT 793-8DK VERTICAL-HORIZONTAL POLARIZED W. STRONG DIRECTION. EFFICIENCY INCL.2X N-FEMALE SOCKET;23 DBI; IP67 (-45-+70DGR C), 5GHZ; WI-FI COMPLIANCE AND PLEASE NOTE NATIONAL APPROVALS; WALL OR MAST MOUNTING; COMPACT INSTRUCTIONS ON PAPER GERMAN / ENGLISH; SCOPE OF SUPPLY: 1X ANT793-8DK, 1X MOUNTING ALIGNMENT AID

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

dual linear vertical-horizontal

Radiation characteristic

directional

Antenna gain compared to spherical radiator / of the WLAN antenna

- in the 5 GHz frequency band

23 dB

Standing wave ratio VSWR / maximum

1.7

Beam angle of antenna

- in the 5 GHz frequency band

- horizontal

9 °

- vertical

9 °

Angle of inclination / downward / maximum

0 °

Crosstalk attenuation / between the antenna connections

40 dB

Front-to-back ratio

35 dB

Transmit power / maximum

6 W

Transmit power / Note	at 25° ambient temperature
Permitted ambient conditions	
Ambient temperature	
• during operating	-45 ... +70 °C
• during storage	-45 ... +70 °C
• during transport	-45 ... +70 °C
Protection class IP	IP67
Wind load / maximum	389 N
Wind load / Note	frontal at 220 km/h
Design, dimensions and weight	
Width	371 mm
Height	371 mm
Depth	40 mm
Net weight	2.5 kg
Mounting type	
• mast mounting	Yes
• wall mounting	Yes
• roof mounting	No
•	No
Material / of outer shell	Polycarbonate
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