

Product-type designation

Antenna ANT793-6DG



IWLAN ANTENNA ANT 793-6DG DUAL SLANT ANTENNA WITH WEAK DIRECTIONAL EFFICIENCY INCL. 2X N-FEMALE CONNECTOR: 9 DBI;
IP67 (-40-+80DGR C), 5GHZ;
WI-FI COMPLIANCE AND PLEASE NOTE NATIONAL APPROVALS;
WALL OR MAST MOUNTING;
COMPACT INSTRUCTIONS ON PAPER GERMAN / ENGLISH;
SCOPE OF SUPPLY: 1X ANT793-6DG,
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 +/- 45° slant

Radiation characteristic

directional

Antenna gain compared to spherical radiator / of the WLAN antenna

- in the 5 GHz frequency band

9 dB

Standing wave ratio VSWR / maximum

2

Beam angle of antenna

- in the 5 GHz frequency band

- horizontal

70 °

- vertical

60 °

Angle of inclination / downward / maximum

0 °

Crosstalk attenuation / between the antenna connections

20 dB

Front-to-back ratio

20 dB

Transmit power / maximum

10 W

Transmit power / Note	at 25° ambient temperature
Permitted ambient conditions	
Ambient temperature	
• during operating	-40 ... +80 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
Protection class IP	IP67
Wind load / maximum	15 N
Wind load / Note	frontal at 160 km/h
Design, dimensions and weight	
Width	80 mm
Height	101 mm
Depth	35 mm
Net weight	110 g
Mounting type	
• mast mounting	Yes
• wall mounting	Yes
• roof mounting	No
•	No
Material / of outer shell	Lexan EXL 9330
Standards, specifications, approvals	
Verification of suitability	
• RoHS conformity	Yes
• Railway application in accordance with EN 50155	Yes
Wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen
letzte Änderung:	Jul 21, 2014