



IWLAN ANTENNA ANT 795-6DC WITH WEAK DIRECTIONAL EFFICIENCY INCL. N-FEMALE CONNECTOR: 9 DBI IP67 (-40-+80DGR C), 2.4/5GHZ WI-FI COMPLIANCE AND PLEASE NOTE NATIONAL APPROVALS MOUNTING ON WALL OR MAST COMPACT MANUAL ON PAPER GERMAN / ENGLISH SCOPE OF SUPPLY: 1X ANT795-6DC, 1X MOUNTING SUPPORT FOR ADJUSTMENT

Wireless frequencies

Radio frequency

- | | |
|--------------------------------------|-----------|
| • for WLAN in 2.4 GHz frequency band | |
| • initial value | 2.4 GHz |
| • end value | 2.5 GHz |
| • for WLAN in 5 GHz frequency band 1 | |
| • initial value | 5.15 GHz |
| • end value | 5.875 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 | 9 dB |
| • in the 5 GHz frequency band | 9 dB |
| Standing wave ratio VSWR / maximum | 2 |
| Beam angle of antenna | |
| • in the 2.4 GHz frequency band | |
| • horizontal | 75 ° |
| • vertical | 55 ° |
| • in the 5 GHz frequency band | |

• horizontal	55 °
• vertical	55 °
Angle of inclination / downward / maximum	0 °
Crosstalk attenuation / between the antenna connections	25 dB
Front-to-back ratio	15 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	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
Wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen
letzte Änderung:	Mar 31, 2014