

Product-type designation

Antenna ANT795-6DC



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	
<ul style="list-style-type: none"> • in the 2.4 GHz frequency band • in the 5 GHz frequency band 	<p>9 dB</p> <p>9 dB</p>
Standing wave ratio VSWR / maximum	2
Beam angle of antenna	
<ul style="list-style-type: none"> • in the 2.4 GHz frequency band <ul style="list-style-type: none"> • 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:	Aug 6, 2014