

Product-type designation

Antenna ANT795-6MT



IWLAN ANTENNA ANT 795-6MT MIMO ANTENNA MIT OMNI- DIRECTIONAL CHARACTERISTIC INCL. 3 X QMA-SOCKETS;
ANTENNA GAIN: 5/7 DBI;
IP65 (-40-+85DGR C), 2.4/5GHZ;
WI-FI COMPLIANCE AND PLEASE NOTE NATIONAL APPROVALS;
MOUNTING ON ROOF,
VEHICLE AND CEILING-MOUNTING;
COMPACT INSTRUCTIONS ON PAPER GERMAN / ENGLISH;
SCOPE OF SUPPLY: 1X ANT795-6MT,
1X MOUNTING AID FOR CEILING-MOUNTING

Wireless frequencies

Radio frequency

- for WLAN in 2.4 GHz frequency band
 - initial value 2.4 GHz
 - end value 2.69 GHz
- for WLAN in 5 GHz frequency band 1
 - initial value 5.15 GHz
 - end value 5.35 GHz
- for WLAN in 5 GHz frequency band 2
 - initial value 5.47 GHz
 - end value 5.935 GHz

Electrical data

Impedance	50 Ω
Polarization	3 ports: linear vertical
Radiation characteristic	omnidirectional
Antenna gain compared to spherical radiator / of the WLAN antenna	
• in the 2.4 GHz frequency band	5 dB
• in the 5 GHz frequency band	7 dB
Standing wave ratio VSWR / maximum	1.5
Beam angle of antenna	

• in the 2.4 GHz frequency band • horizontal • in the 5 GHz frequency band • horizontal	360 °
Angle of inclination / downward / maximum	0 °
Crosstalk attenuation / between the antenna connections	20 dB
Transmit power / maximum	10 W
Transmit power / Note	at 25° ambient temperature
Permitted ambient conditions	
Ambient temperature	
• during operating	-40 ... +85 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
Protection class IP	IP65
Design, dimensions and weight	
Width	282 mm
Height	32 mm
Depth	92 mm
Net weight	320 g
Mounting type	
• mast mounting	No
• wall mounting	Yes
• roof mounting	Yes
•	No
Product feature / silicon-free	Yes
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