

Product-type designation

Antenna ANT795-4MR

IWLAN ANTENNA ANT 795-4MR WITH OMNIDIRECTIONAL CHARACTERISTIC, ANTENNA GAIN INCL. R-SMA CONNECTOR:3/5 DBI, IP65(-20-+60 DGR C), 2.4/5 GHZ, NOTE NATIONAL APPROVALS, DIRECT MOUNTING ON W-700, OPERATING INSTRUCTIONS GER/EN MANUAL ON CD-ROM GER/EN



Wireless frequencies

Radio frequency

- for WLAN in 2.4 GHz frequency band

- initial value

2.4 GHz

- end value

2.4835 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

5.725 GHz

- end value

5.85 GHz

Electrical data

Impedance

50 Ω

Polarization

linear vertical

Radiation characteristic

omnidirectional

Antenna gain compared to spherical radiator / of the WLAN antenna

- in the 2.4 GHz frequency band

4 dB

- in the 5 GHz frequency band

5 dB

Standing wave ratio VSWR / maximum

2

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 °
Range / with clear line of sight / without disturbance	100 m
Range / Note	Note: The range can be considerably less, depending on spatial factors, the wireless standard used, the data rate, and the antennas at the other end
Permitted ambient conditions	
Ambient temperature	
• during operating	-20 ... +65 °C
• during storage	-20 ... +65 °C
• during transport	-20 ... +65 °C
Protection class IP	IP65
Design, dimensions and weight	
Width	35 mm
Height	148 mm
Depth	13 mm
Net weight	26 g
Mounting type	
• mast mounting	No
• wall mounting	No
• roof mounting	No
•	Yes
Product feature / silicon-free	Yes
Material / of outer shell	Polycarbonate
Standards, specifications, approvals	
Wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen
letzte Änderung:	Aug 6, 2014