

Product-type designation

Antenna ANT795-4MS



IWLAN ANTENNA ANT 795-4MS WITH OMNIDIRECTIONAL CHARACTERISTIC, RADIAL ROTATABLE, WITH ADDITIONAL JOINT, ANTENNA GAIN INCL. R-SMA CONNECTOR: 3/5 DBI, IP30 (-20-+60 DGR C), 2.4/5GHZ, WI-FI COMPLIANCE NOTE NATIONAL APPROVALS, MOUNTING STRAIGHT TO SCALANCE W, COMPACT MANUAL ON PAPER GERMAN/ENGLISH; SCOPE OF SUPPLY:2X ANT795-4MS

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	3 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	IP30
Design, dimensions and weight	
Width	35 mm
Height	160 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	
Verification of suitability	
• 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:	Aug 6, 2014