

Product type designation



Antenna ANT793-8DP

IWLAN ANTENNA ANT 793-8DP WITH STRONG DIRECTIVE EFFICIENCY INCL. N-FEMALE CONNECTOR: 13/13.5 DBI; IP67 (-40-+80 DGR C); 4.9-5.35 GHZ WI-FI COMPLIANCE AND PLEASE NOTE NATIONAL APPROVALS! WALL OR MAST MOUNTING COMPACT MANUAL ON PAPER GERMAN / ENGLISH; SCOPE OF SUPPLY: 1X ANT793-8DP, 1 X MOUNTING SUPPORT FOR ADJUSTMENT

Wireless frequencies

Operating frequency

- for WLAN in 5 GHz frequency band 1

4.9 ... 5.35 GHz

Electrical data

Impedance	50 Ω
Polarization	linear vertical
Radiation characteristic	directional
Antenna gain compared to spherical radiator	
<ul style="list-style-type: none"> • of the WLAN antenna / in the 5 GHz frequency band 	13.5 dB
Standing wave ratio (VSWR) / maximum	1.5
Radiating angle of the antenna	
<ul style="list-style-type: none"> • in the 5 GHz frequency band / horizontal • in the 5 GHz frequency band / vertical 	40° 35°
Number of electrical connections / of the antenna	1
Type of electrical connection / of the antenna	N-Connector
Design of plug-in connection	female
Angle of inclination / downward / maximum	0°
Front-to-back ratio	20 dB
Transmit power / maximum	10 W; at 25° ambient temperature

Mechanical data

Material

- of outer shell

Lexan EXL 9330

Permitted ambient conditions

Ambient temperature	
• during operation	-40 ... +80 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
Protection class IP	IP67
Wind load / maximum	15 N; frontal 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
• directly on the device	No

Standards, specifications, approvals

Certificate of suitability	
• RoHS conformity	Yes
product conformity	UL 94-V0
Wireless approval	Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen

Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/automation/net/catalog
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
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