

Product type designation



Antenna ANT793-6DT

IWLAN ANTENNA ANT 793-6DT MIMO ANTENNA WITH WEAK DIRECTIONAL EFFICIENCY INCL. 3X QMA-SOCKETS; 8 DBI; IP67 (-40-+85DGR C), 5GHZ; WI-FI COMPLIANCE AND PLEASE NOTE NATIONAL APPROVALS; WALL OR MAST MOUNTING; COMPACT INSTRUCTIONS ON PAPER GERMAN / ENGLISH; SCOPE OF SUPPLY: 1X ANT793-6DT, 1X MOUNTING ALIGNMENT AID

Wireless frequencies

| | |
|--|--------------------|
| Type of mobile network / is supported | WLAN |
| Operating frequency | 5.15 ... 5.875 GHz |
| <ul style="list-style-type: none"> • for WLAN in 5 GHz frequency band 1 | |

Electrical data

| | |
|--|----------------------------------|
| Impedance | 50 Ω |
| Polarization | 3 ports: vertical, +/- 45° slant |
| Radiation characteristic | directional |
| Antenna gain compared to spherical radiator | 8 dB |
| <ul style="list-style-type: none"> • of the WLAN antenna / in the 5 GHz frequency band | |
| Standing wave ratio (VSWR) / maximum | 1.7 |
| Radiating angle of the antenna | 65° |
| <ul style="list-style-type: none"> • in the 5 GHz frequency band / horizontal • in the 5 GHz frequency band / vertical | 65° |
| Number of electrical connections / of the antenna | 3 |
| Type of electrical connection / of the antenna | QMA Connector |
| Design of plug-in connection | female |

| | |
|---|---------------------------------|
| Angle of inclination / downward / maximum | 0° |
| Crosstalk attenuation / between the antenna connections | 17 dB |
| Transmit power / maximum | 2 W; at 25° ambient temperature |

Mechanical data

| | |
|--|----------------|
| Material | |
| <ul style="list-style-type: none"> of outer shell | Lexan EXL 9330 |

Permitted ambient conditions

| | |
|--|---------------------------|
| Ambient temperature | |
| <ul style="list-style-type: none"> during operation during storage during transport | -40 ... +85 °C |
| Protection class IP | IP66 / 67 |
| 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 | 270 g |
| Mounting type | |
| <ul style="list-style-type: none"> mast mounting wall mounting roof mounting directly on the device | Yes Yes No No |

Standards, specifications, approvals

| | |
|---|--|
| Certificate of suitability | |
| <ul style="list-style-type: none"> RoHS conformity | Yes |
| product conformity | UL 94-V0, UL 746C F1 |
| Wireless approval | Current national approvals can be found on the Internet under www.siemens.com/funkzulassungen |

Further Information / Internet Links

| | |
|--|---|
| Internet-Link | |
| <ul style="list-style-type: none"> to website: Selector SIMATIC NET SELECTION TOOL to website: Industrial communication to website: Industry Mall to website: Information and Download Center to website: Image database to website: CAx Download Manager to website: Industry Online Support | http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com |

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