

### product type designation



### Antenna ANT792-6MN

ANT792-6MN IWLAN antenna with omnidirectional characteristic incl. N-female plug; 6 dBi IP67 (-40-+70 °C); 2.4 GHz; Wi-Fi compliance and observe national approvals; mounting on wall or mast, compact instructions as hard copy German/English, scope of delivery: 1x ANT792-6MN, 1x terminating resistor TI795-1R .

### radio frequencies

|   |                 |
|---|-----------------|
| type of wireless network / is supported               | WLAN            |
| operating frequency                                   |                 |
| • for WLAN in 2.4 GHz frequency band                  | 2.4 ... 2.5 GHz |
| antenna gain compared to spherical radiator           |                 |
| • of the WLAN antenna / in the 2.4 GHz frequency band | 6 dB            |

### 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 | 6 dB            |
| standing wave ratio (VSWR) / maximum                  | 1.8             |
| radiating angle of the antenna                        |                 |
| • in the 2.4 GHz frequency band / horizontal          | 360°            |
| • in the 2.4 GHz frequency band / vertical            | 30°             |
| 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°              |

### mechanical data

|                  |             |
|------------------|-------------|
| material         |             |
| • of outer shell | Glass fiber |

### 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 | 3 N; at 160 km/h |

### design, dimensions and weights

|                  |        |
|------------------|--------|
| width            | 50 mm  |
| height           | 370 mm |
| depth            | 40 mm  |
| net weight       | 300 g  |
| fastening method |        |
| • mast mounting  | Yes    |
| • wall mounting  | Yes    |
| • roof mounting  | No     |

|  |   |
|--|---|
| • directly on the device   | No  |
| <b>product features, product functions, product components / general</b> |   |
| product feature / silicon-free   | Yes   |
| <b>standards, specifications, approvals</b>                              |   |
| certificate of suitability   |   |
| • RoHS conformity  | Yes   |
| product conformity   | UL 94-HB  |
| wireless approval  | Current national approvals can be found on the Internet under<br><a href="http://www.siemens.com/funkzulassungen">www.siemens.com/funkzulassungen</a> |
| reference code / according to IEC 81346-2:2019                           | TFB   |
| <b>further information / internet links</b>                              |   |
| internet link  |   |
| • to web page: selection aid TIA Selection Tool                          | <a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>   |
| • to website: Industrial communication                                   | <a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>   |
| • to website: Industry Mall  | <a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>   |
| • to website: Information and Download Center                            | <a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>   |
| • to website: Image database   | <a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>   |
| • to website: CAX-Download-Manager                                       | <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>   |
| • to website: Industry Online Support                                    | <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>   |

last modified:

4/28/2023 

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

[6GK57926MN000AA6](#)