



IWLAN ANTENNA ANT 795-4MD WITH OMNIDIRECTIONAL CHARACTERISTIC INCL. N-FEMALE CONNECT. W. FIXED 90 DGR ANGLE;  
ANTENNA GAIN: 3/5 DBI;  
IP65 (-20-+60DGR C), 2.4/5GHZ;  
PLEASE NOTE WI-FI COMPLIANCE AND NATIONAL APPROVALS;  
DIRECT MOUNTING TO SCALANCE W WITH N-CONNECT CONNECT. METHOD;  
SCOPE OF SUPPLY:1X ANT795-4MD COMPACT INSTRUCTIONS ON PAPER GERMAN / ENGLISH

### 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 $\Omega$     |
| 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                                | 360 °                                                                                                                                              |
| • in the 5 GHz frequency band               |                                                                                                                                                    |
| • horizontal                                | 360 °                                                                                                                                              |
| Angle of inclination / downward / maximum   | 0 °                                                                                                                                                |
| <b>Permitted ambient conditions</b>         |                                                                                                                                                    |
| Ambient temperature                         |                                                                                                                                                    |
| • during operating                          | -20 ... +65 °C                                                                                                                                     |
| • during storage                            | -20 ... +65 °C                                                                                                                                     |
| • during transport                          | -20 ... +65 °C                                                                                                                                     |
| Protection class IP                         | IP65                                                                                                                                               |
| <b>Design, dimensions and weight</b>        |                                                                                                                                                    |
| 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                                                                                                                                      |
| <b>Standards, specifications, approvals</b> |                                                                                                                                                    |
| Wireless approval                           | Current national approvals can be found on the Internet under <a href="http://www.siemens.com/funkzulassungen">www.siemens.com/funkzulassungen</a> |
| <b>letzte Änderung:</b>                     | Mar 31, 2014                                                                                                                                       |