



114.95 EUR  
incl. 19% VAT, plus [shipping](#)

- GPS/GLONASS/GSM/UMTS/3G !
- WLAN / Bluetooth !
- Active antenna !
- SMA connectors !

Support: [Specifications](#)

Combined Roof mount antenna "CGNW 702659 SF S/SMA 5.0" for Fleet management systems, Navigation, Telematics applications in association with WLAN. Successor model of art. 602392001 and 955001004.

|                        |  |
|------------------------|--|
|                        | <b>Environmental conditions</b>                            |
| Temperature range      | -40° - +85° C  |
| Protection class       | IP 6k9K (acc. ISO 20653)                                   |
|                        | <b>Mechanical construction</b>                             |
| Housing material       | PA6  |
| Weight                 | 178 g  |
| Dimensions (W x H x D) | 95 x 57 x 72 mm  |
|                        | <b>Installation</b>  |
| Tightening torque      | max. 5 Nm  |
|                        | <b>GNSS (GPS/GLONASS)</b>                                  |
| Frequency range        | GPS: 1,575 MHz - 1610 MHz<br>GLONASS: 1602,0 - 1614,94 MHz |
| Return loss (VSWR)     | > 12 dB  |
| Impedance              | 50 Ohm   |
| Gain                   | typ. 2 dBic  |
| Amplification          | 27 dB +3 dB  |
| Noise figure           | < 1,9 +- 0,3 dB  |
| Voltage supply         | 2,9 - 5,5 VDC (ferngespeist)                               |
| Current consumption    | <=12 mA +/- 3 mA at 3,3 V                                  |

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|              |          |
|--------------|----------|
| Cable type   | RG 174   |
| Cable length | 5000 mm  |
| Connector    | SMA male |

**CELLULAR**

|                 |  |
|-----------------|--|
| Frequency range | LTE-LB: 698-862 Mhz<br>LTE-HB: 2305-2690 Mhz<br>GSM 850: 824 - 894 MHz<br>GSM 900: 880 - 960 MHz<br>GSM 1800: 1710 - 1880 MHz<br>GSM 1900: 1850 - 1990 MHz<br>UMTS: 1920- 2170 MHz |
|-----------------|--|

|                    |         |
|--------------------|---------|
| Impedance          | 50 Ohm  |
| Return loss (VSWR) | > 12 dB |
| Decoupling         | > 40 dB |

|          |         |
|----------|---------|
| Rod wave | 1/4     |
| Rod gain | 2,5 dBi |

|              |          |
|--------------|----------|
| Cable type   | RG 174   |
| Cable length | 5000 mm  |
| Connector    | SMA male |

**WLAN**

|                 |  |
|-----------------|--|
| Frequency range | Bluetooth: 2400 - 2484 MHz<br>IEEE Std. 802.11b/g: 2412 - 2484 MHz<br>IEEE Std. 802.11p: 5755-5925 Mhz |
|-----------------|--|

|                    |                                     |
|--------------------|-------------------------------------|
| Impedance          | 50 Ohm                              |
| Return loss (VSWR) | > 12 dB                             |
| Gain               | 2.5 dBi @ 2.4 GHz; +3 dBi @ 5.8 GHz |
| Load capacity      | max. 1 W (acc. IEEE 802.11b/g)      |

|              |          |
|--------------|----------|
| Cable type   | RG 174   |
| Cable length | 5000 mm  |
| Connector    | SMA male |