



109.95 EUR

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

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

Support:  [Specifications](#)

Combined Roof mount antenna "CGNW 702659 SF S/FME/3.0" for Fleet management systems, Navigation, Telematics applications in association with WLAN. Successor model of art. 602392001 and 955001003.

|                        |                                                            |
|------------------------|------------------------------------------------------------|
|                        | <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                                                    |

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|                     |                              |
|---------------------|------------------------------|
| Impedance           | 50 Ohm                       |
| Gain                | typ. 2 dBi                   |
| 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    |
| Cable type          | RG 174                       |
| Cable length        | 3000 mm                      |
| Connector           | FME female                   |

#### **CELLULAR**

|                 |                           |
|-----------------|---------------------------|
|                 | LTE-LB: 698-862 Mhz       |
|                 | LTE-HB: 2305-2690 Mhz     |
|                 | GSM 850: 824 - 894 MHz    |
| Frequency range | GSM 900: 880 - 960 MHz    |
|                 | GSM 1800: 1710 - 1880 MHz |
|                 | GSM 1900: 1850 - 1990 MHz |
|                 | 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       | 3000 mm    |
| Connector          | FME female |

#### **WLAN**

|                    |                                      |
|--------------------|--------------------------------------|
|                    | Bluetooth: 2400 - 2484 MHz           |
| Frequency range    | IEEE Std. 802.11b/g: 2412 - 2484 MHz |
|                    | 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       | 3000 mm                              |
| Connector          | FME female                           |