



999.00 EUR

incl. 19% VAT, plus shipping

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

Combined Roof mount antenna "CGNW 702659 SF S/SMA 3.0" for Fleet management systems, Navigation, Telematics applications in association with WLAN. Successor model of art. 602392001 and 955001004.

### Environmental conditions

Temperature range

-40° - +85° C

Protection class

IP 6k9K (acc. ISO 20653)

### Mechanical construction

Housing material

PA6

Weight

178 g

Dimensions (W x H x D)

95 x 57 x 72 mm

### Installation

Tightening torque

max. 5 Nm

### GNSS (GPS/GLONASS)

Frequency range

GPS: 1,575 MHz - 1610 MHz

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
Cable type	RG 174
Cable length	5000 mm
Connector	SMA male

### **CELLULAR**

Frequency range	LTE-LB: 698-862 Mhz LTE-HB: 2305-2690 Mhz GSM 850: 824 - 894 MHz GSM 900: 880 - 960 MHz GSM 1800: 1710 - 1880 MHz GSM 1900: 1850 - 1990 MHz UMTS: 1920- 2170 MHz
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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 IEEE Std. 802.11b/g: 2412 - 2484 MHz IEEE Std. 802.11p: 5755-5925 Mhz
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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