

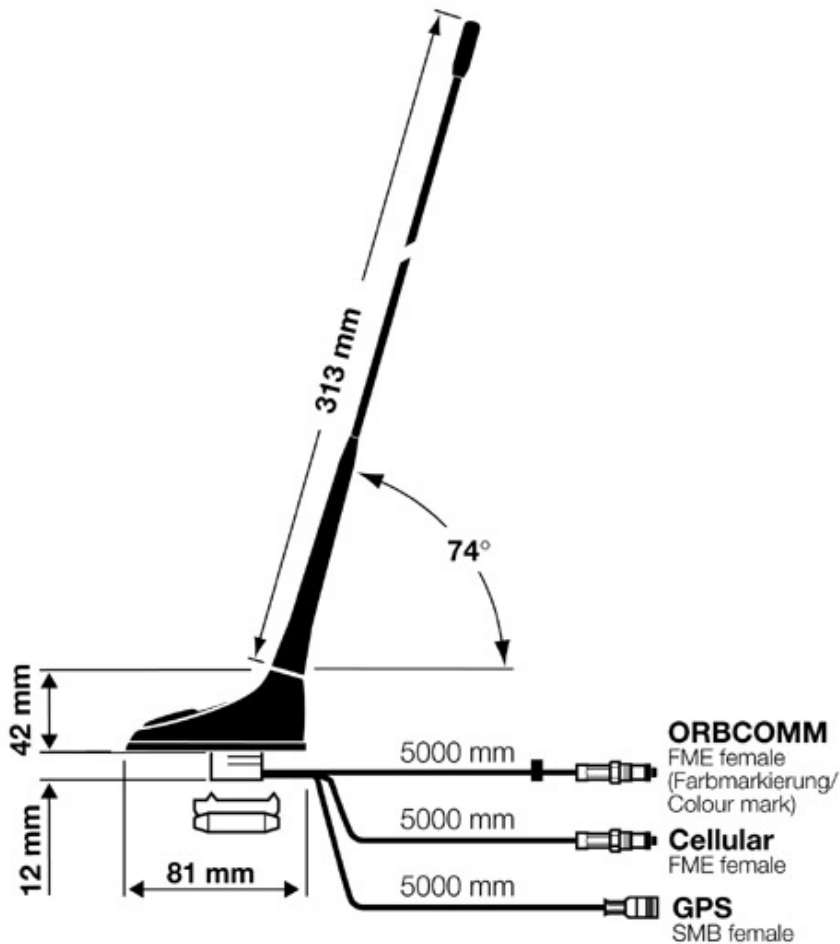


GPS 918 VHF / CELLULAR

Product description

Type	GPS 918 VHF / CELLULAR
Ord. code	602 391-001
Description	Roof mount antenna for GPS, AMPS, GSM 1900 and ORBCOMM for car navigation, traffic guidance systems, fleet management
Details	active GPS part integrated in the base

Drawing



Environmental conditions

Temperature range	-40° - +80° C
Protection class	IP66 (acc. IEC 60529)

Mechanical construction

Dimensions (W x H x D)	81 x 45 x 42 mm (without rod)
Weight	150 g / 5.3 oz
Rod length	313 mm / 12.3 In.
Rod section	1
Rod inclination	74°

Installation

Tightening torque	max. 5 Nm
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GPS

Frequency range	1.57542 GHz +-1.023 MHz, (L1-band)
Impedance	50 Ohm
Gain	typ. 2 dBic
Amplification	24 dB +-4 dB

Noise figure	< 1.5 dB
Voltage supply	3 - 5 VDC (remote fed)
Current consumption	< 20 mA
Cable type	RG 174
Cable length	5000 mm / 197 In.
Connector	SMB female

CELLULAR

Frequency range	AMPS: 824 - 894 MHz GSM 1900: 1850 - 1990 MHz
Impedance	50 Ohm
Gain	typ. 0 dB
Cable type	RG 174
Cable length	5000 mm / 197 In.
Connector	FME female

ORBCOMM

Frequency range	137 - 151 MHz
Cable length	5000 mm / 197 In.
Connector	FME female (colour mark)