




GS-ANT-13-392-5M-FAK



Technical Data		
Roof mount antenna		
GSM 850/900/1800/1900 MHz + UMTS + GPS + WiFi/Bluetooth 2400 MHz		
GSM	Frequency Range	AMPS: 824 – 894 MHz GSM 900: 880 - 960 MHz GSM 1800: 1710 -1880 MHz GSM 1900: 1850 – 1990 MHz UMTS: 1920 – 2170 MHz
	Return loss	> 12 dB
	Decoupling	> 40 dB
	Rod section	1
	Rod wave (λ)	1/4
	Gain	0 dB
	Load capacity	8 W pulsed according to GSM standard
	Impedance	50 Ω
GPS	Center frequency	1575.42 MHz
	Band width	\pm 1.023 MHz
	Return loss	> 12 dB
	Impedance	50 Ω
	Current	Max. 30 mA
	Gain	2 dBic
	Power gain	24 \pm 4 dB
	Noise figure	< 1.9 \pm 0.3 dB
	Voltage supply	2.7 – 5.1 (remotely fed)
WiFi / Bluetooth	Frequency range	Bluetooth: 2400 GHz – 2484 MHz IEEE Std. 802.11b/g: 2412 GHz – 2484 MHz
	Impedance	50 Ω
	Load capacity	Max. 1 W (according to IEEE 802.11b/g)
	Gain	0 dB
	Return loss	> 12 dB

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Mechanical Data			
	Dimensions (WxH)	ca. 81 mm x ca 90 mm	
	Weight	255g	
	Protection class	IP66 (according to IEC 60529)	
	Cable	3x ca. 5 m, RG174	
	Connector	GPS: SMBA-“C”	
		GSM: SMBA-“D”	
		WiFi: SMBA-“I”	
	Temperature range	-40°C .. +80°C	
	Roof mount		
	RoHS compliant		

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Drawing:

