

MC0114042-3 GSM-UMTS-GPS-WLAN

**GSM 850/900/1800/1900 MHz + UMTS + GPS high gain
+ WLAN 2400/5300 MHz**

GSM/UMTS/GPS/WLAN

made
in
Germany



Specifications

	GSM / UMTS	GPS	WLAN
Frequency Range	850/900/1800/1900 + 2100 MHz	1575.42 MHz	2400/5300 MHz
VSWR*	< 2.0 typ.	1.5 typ.	< 2.0 typ.
Peak Gain*	+5 dBi typ. (900 MHz) +3 dBi typ. (1800 MHz) +1dBityp. (2100 MHz)	25 dB typ.	+4 dBi typ. (2400 MHz) +1 dBi typ. (5300 MHz)
Power max.	10 W	10 W	
Diagnostic resistor	10 k Ω (others on request)		
Power Supply		3V to 5V; 25mA typ.	
VDD max.		+10 VDC	
Input Power max.		+17 dBm	
Current max.		30mA	

* Measured with 0.6m cable on 30x30cm ground plane

Mechanical Data

Dimensions (\varnothing xH) approx. 76mm x 23mm
Temperature Range -40°C to +85°C (operating temperature)
Connection (Standard) approx. 3m connecting cable RG174 with GSM/FME(f); GPS/SMA(m)
approx. 3m connecting cable RG174 lowloss with WLAN/SMA(m)

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