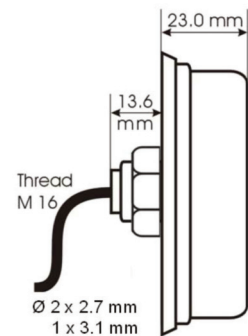
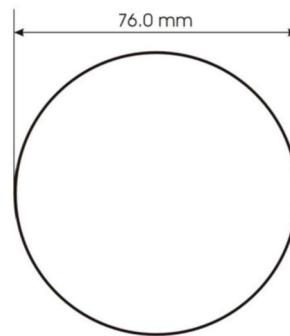


GSM 850/900/1800/1900 MHz + UMTS + GPS high gain + WLAN 2400/5300 MHz

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 dBi typ.	+4 dBi typ. (2400 MHz) +1 dBi typ. (5300 MHz)
Power max.	10 W	10 W	
Diagnostic resistor	10 kΩ (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 (ØxH)	approx. 76mm x 23mm
Temperature Range	-40°C to +85°C (operating temperature)
Connection (Standard)	approx. 3m connecting cable RG174 with GSM/SMA(m); GPS/SMA(m) approx. 3m connecting cable RG174 lowloss with WLAN/SMA(m)

Instruction for installation

Mounting hole for all ROOFMOUNT antennas: Diameter 16.2 mm (+2 mm, -0 mm)
Housing 70 with plastic bottom PC: min. 4 Nm up to max. 6 Nm
Housing 98 with plastic bottom PS/ABS: min. 6 Nm up to max. 8 Nm