

# MC0114042-2

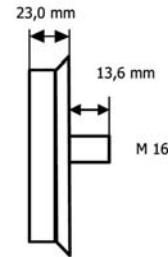
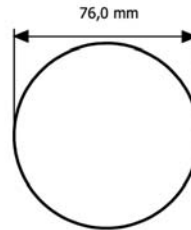
## Quadband/UMTS/GPS, IP69K

**GSM 850/900/1800/1900 MHz + UMTS + GPS**

**GSM/UMTS/GPS**



**made  
in  
Germany**



### TECHNICAL DATA:

#### GSM:

Frequency range: 850/900/1800/1900 MHz + 2100 MHz  
VSWR: < 2,0 typical  
Gain: +5 dBi typ. (900 MHz)  
+3 dBi typ. (1800 MHz)  
+1 dBi typ. (2100 MHz)  
Power max.: ≤ 10 watt  
Resistance: 10 kΩ

#### GPS:

Frequency range: 1575 ... 1609 MHz  
VSWR: 1.5 typical  
Gain: 25 dB typ.  
Power supply: 3 V bis 5 V / 25 mA typ.  
Power: max. 30 mA  
V<sub>DD</sub> max. +10 VDC

#### Dimensions and connectors:

Dimensions (ø/h): approx. 76 mm / 23 mm  
Temperature range: from -40°C up to +85°C  
Connection (standard): 3m RG 174 with connectors GSM/FME(f); GPS/SMA(m)  
(other cable-lengths or connectors on request)

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