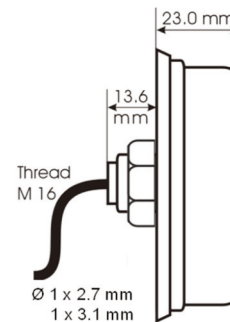
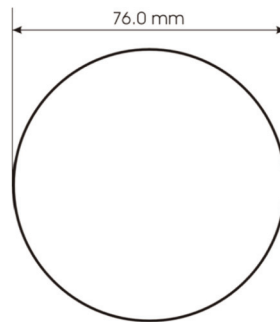


# MC0114078-Q-W

## Planar Combination Antenna

**GSM 850/900/1800/1900/2100 MHz  
+ 2400 MHz**

**GSM/UMTS**



**made  
in  
Germany**

- **Waterproof TÜV passed IP69K mounted**
- **Including 868 MHz – services and DECT**
- **RoHS-and REACH-conform**

### Technical Data:

	<b>GSM:</b>	<b>W-LAN</b>
Frequency range:	850/900/1800/1900 + 2100 MHz	2400 MHz
VSWR:	< 2.0 typ	< 2.0 typ
Gain:	+5 dBtyp. (900 MHz) +3 dBtyp. (1800 MHz) +1 dBtyp. (2100 MHz)	+1 dBtyp.
Power max.:	10 W	10 W
Diagnosticresistor	10 kΩ (others on request)	

### Mechanical Data:

Dimensions (Ø/h):	approx. 76 mm / 23 mm
Mounting:	roof mounting (bracket for wall mounting on request)
Temperature range:	-40°C to +85°C (operatingtemperature)
Connection (standard):	approx. 3m connecting cable RG174 with GSM/SMA(m); approx. 3m connecting cable RG174 lowloss with WLAN/R-SMA(gold) Other cable lengths and connectors on request

### Instructions for mounting:

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