

MC0114600 Adhesive antenna

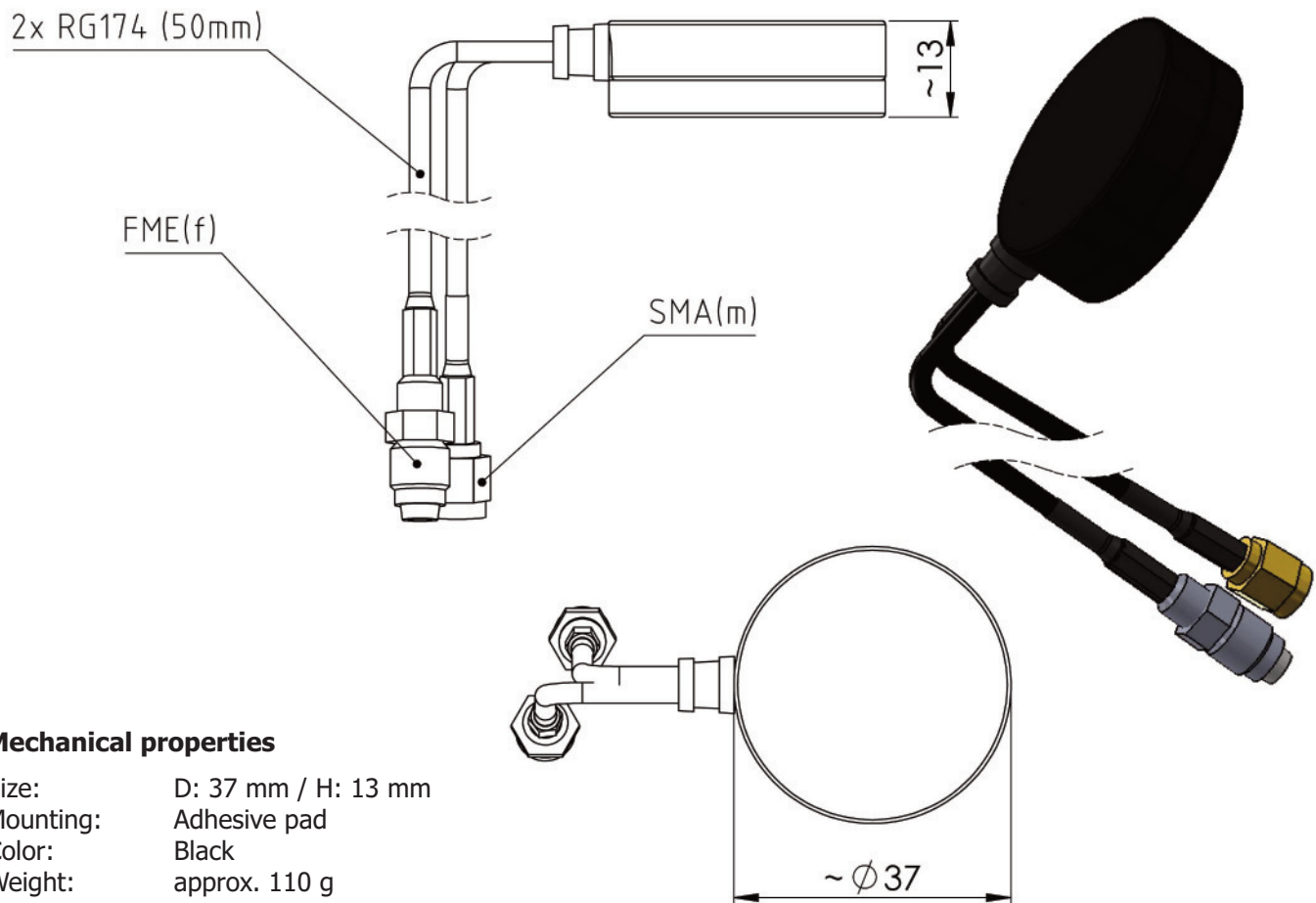
Multiband transmitting and receiving antenna for sticking on inside glass
GSM 900 - GSM 1800 - UMTS 2100 - GPS

GSM/UMTS/GPS

Zulassungen:

EN 45545-2
 DIN 50010-2
 NF F 16-102
 ECE R-118

**made
 in
 Germany**



Mechanical properties

Size: D: 37 mm / H: 13 mm
 Mounting: Adhesive pad
 Color: Black
 Weight: approx. 110 g
 Temperature: -20°C to +70°C

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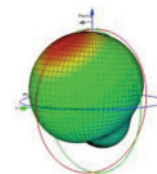
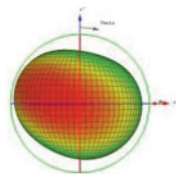
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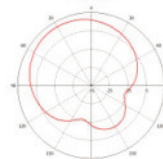
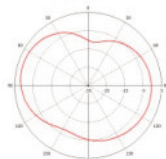
	GSM / UMTS	GPS
Frequency [MHz]	890 - 960 1710 - 1890 1885 - 2170	1575,42
Polarization	vertical	right handed circular
Pattern	omnidirectional	omnidirectional
Gain	4 dBi typ.	2 dBi (with internal amplifier +25 dB)
Average gain*	0 dBi	-
Efficiency	70 %	35 %
VSWR ≤	1,8 typ.	-
Impedance	50 Ω	50
Antenna type	Patch-antenna	Ceramic patch-antenna with internal amplifier
Power / DC Voltage	50 W	3,3 V to 5 V at inner conductor
RF-Connection	5cm RG174 with FME(f) straight connector	5cm RG174 with SMA(m) straight connector
Power consumption / Noise figure (50 Ω)		15 mA typ. / 2 dB typ.

Radiation Diagramms

3D-Pattern



2D-Pattern (vertical)



2D-Pattern (horizontal)

