

**Specification****Code-Nr.: ANY 20****Photos****Electrical properties**

- Telephone:

Antenna Type  
Frequency

¼ | Mobile Antenna  
GSM-ETACS-NNT: 824 ÷ 960 MHz  
PCN-GSM: 1710 ÷ 1880 MHz  
UMTS: 1900 ÷ 2170 MHz

VSWR  
Impedance  
Max. Power  
Decoupling (dB)  
Polarisation  
Emission  
Gain

Less than 2.5  
50 Ohm  
10 Watt  
> 40  
Vertical  
Omnidirectional  
2.14 dBi

- GPS :

Antenna Type  
Frequency  
Bandwidth  
VSWR  
Impedance  
Polarisation  
Supply Voltage (V)  
Current absorption (mA)

Active Planar Patch Antenna  
1575.42 MHz  
± 1.023 MHz  
less than 2.0  
50 Ohm  
RHCP  
2.7 ÷ 5  
12 ± 1 at 2.7 V.  
26 ± 1 at 5.0 V.  
24 ± 1 at 2.7 V.  
26 ± 1 at 5.0 V.  
2  
1.8 ÷ 2.5

Gain amplifier (dB)

Gain Patch Antenna (dB)  
Noise Figure (dB)

- AM-FM :

Antenna Type	AM-FM Antenna
Frequency	LMK : 150 KHz ÷ 3.5 MHz UKW : 76 ÷ 110 MHz
Impedance	75 ÷ 150 Ohm
Voltage	10 ÷ 16 Volt
Polarisation	Vertical
Emission	Omnidirectional
Gain (dB)	LMK : 7 UKW : 14
Current Absortion (mA)	27 ÷ 40
Noise Figure (dB)	< 4.5

## Mechanical properties

Colour	Black
Material	
<ul style="list-style-type: none"> <li>• Cap</li> <li>• Gasket</li> </ul>	Polyamide 6 Arnitel EP 400
Net. Weight	170 g
Dimension	
<ul style="list-style-type: none"> <li>• Length</li> <li>• Width</li> <li>• Height</li> </ul>	95 mm 52 mm 65 mm
Mounting-hole	
<ul style="list-style-type: none"> <li>• Squared</li> <li>• Round</li> </ul>	15 x 15 mm 19 mm
Temperature	From -30°C to +80°C
Cable	
<ul style="list-style-type: none"> <li>• Telephone</li> <li>• GPS</li> <li>• AM-FM</li> </ul>	RG 174, 100 ± 20 mm RG 174, 180 ± 20 mm RG 174, 190 ± 20 mm
Connector	
<ul style="list-style-type: none"> <li>• Telephone</li> <li>• GPS</li> <li>• AM-FM</li> </ul>	FME male SMA male Screw System M.

## Diagrams

