

DP90

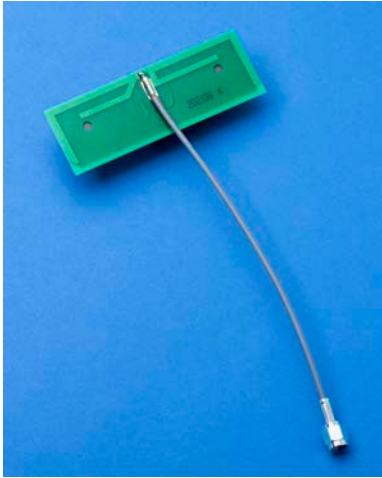
Dipol Multiband Antenna for integrated fixed installations

DP90 antenna is a PCB based multiband antenna designed to meet the requirements for radio connection to alarm and radio collected measurement data for power, gas, heat and water distribution incorporating a wireless terminal operating at GSM frequencies. It's a small dimensions and mounting by means of adhesive tape makes it ideal to use where a integrated, discreet and reliable installation is preferred.

- **Multiband 868/900/1800/1900/2100**
- **Excellent RF performance**
- **Installation by means of adhesive**
- **Durable design**
- **Ideal for M2M (Machine-to-Machine) applications such as vending machines and power meters**
- **Tuned for installations on plastic cover**

SMARTEQ[™]
■■■■■ antennas

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Specifications

Electrical

Frequency	868, 880-969/1710-2170 MHz
Impedance	Nominal 50 Ω
Polarization	Linear vertical, dipole type
VSWR	Low band <3:1 dep on surroundings High band <3:1 dep on surroundings
Gain	0 dBd (2,15dBi)
Max Power	10 W

Mechanical

Dimension	87 x 30 x 4 (LxWxH)
Weight	15 g
Material	FR-4 0,8 mm RoHS
Cable	RG316
Connector	SMA(m) or according to customer requirements

Environmental

Temperature	Operation -40°C +70°C
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Other

- Rugged M2M application
- Ideal for AMR equipment

Smarteq reserves the right to change specifications without prior notice.



550 064 C Smarteq is certified according to ISO/TS 16 949, ISO 14001

Smarteq develops and supplies high-quality antennas and antenna systems for the wireless transfer of speech and data, communication to and from vehicles and machine to machine. Our staff is fully focused on developing high-performance antennas that will continue to set new standards of excellence that will exceed our customers' expectations



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