

# LP400™

## A discreet antenna perfect for Smart Metering applications



LP400 is a low profile antenna designed to meet the industrial demands on high RF performance and a quick and easy installation. It's durable design and low profile makes it ideal to use where a discreet and reliable installation is preferred. The LP400 antenna is a ground plane independent antenna enabling a flexible installation on different surfaces i.e. metal, wood or concrete, perfect for Smart Metering and short range radio applications.

- Discreet styling
- Low profile and durable design
- Ground plane independent
- Ideal for AMR – Automated Meter Reading or short range radio applications
- All versions RoHS compliant.

### Specifications

#### Electrical

Frequency band	444 MHz $\pm$ 1MHz ; 433 MHz $\pm$ 1MHz
VSWR	1.5:1
Gain	0 dBd (2.15 dBi)
Impedance	50 $\Omega$
Polarization	Linear vertical
Max power	5 W
DC short	Yes

#### Mechanical

Dimensions (L x W x H)	190 x 80 x 25 mm
Cable	RG316 LOHS, 1 meter, different cable lengths are available upon request
Connector	SMA(m), or according to customer request
Material	Housing – PC,ABS
Weight	~150g
Colour	Grey
Temperature	Operating -40°C to +85°C

#### Others

RoHs compliant	Yes
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#### Product No.

444 MHz	707172
433 MHz	707174

Smarteq reserves the right to change specifications without prior notice.

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Smarteq, based in Stockholm, Sweden, is a leading developer of antennas and antenna systems for increased availability. Smarteq aims towards the market segments industry, energy and vehicles.

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