

Wall Mount Antenna Mobile Network

Part Code	Name	Size
EL911AN	GSM/GPRS Wall Mounted Antenna 1.5m	1.5m
EL912AN	GSM/ GPRS Wall Mounted Antenna 3m	3m

LP80x series wall mounted GSM antennas offer ground-plane independent omnidirectional performance with discreet and durable design. The low profile housing gives a high degree of vandal resistance making it perfect for smart meters, tracking devices, vending machines and other M2M applications, where it requires reliable communications.

- 790-960MHz / 1710-2690MHz
- Low profile, ergonomic style with sophisticated engineering
- Easy to install
- Different versions available:
 - o LP800. Screw or adhesive mount
 - o LP801. Screw or adhesive mount
 - o LP802. Center screw mount



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Billing Solutions

PAYG Management

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Technical Specification

Electrical

Frequency band	790-960MHz	1710-2170MHz	2400-2690MHz
VSWR (typical) LP800	< 3.5:1	< 2:1	< 2:1
VSWR (typical) LP801	< 4.2:1	< 2:1	< 2:1
VSWR (typical) LP802	< 3.5:1	< 2:1	< 2:1
Peak gain (typical)	3 dBi	5 dBi	6 dBi
Total efficiency (average)	40%	60%	60%
# Port	1		
Impedance	50Ω		
Polarization	Linear		
Max power, ambient temp. of 25°C	10W		
DC short	Yes		
Ground plane independent	Yes		
Electrical isolation acc. to SS-EN61010 LP800	No		
Electrical isolation acc. to SS-EN61010 LP801	Yes		
Electrical isolation acc. to SS-EN61010 LP802	Yes		

Mechanical

Dimensions (L x W x H) LP800	136 x 48 x 42mm		
Dimensions (L x W x H) LP801	162 x 50 x 45mm		
Dimensions (L x W x H) LP802	140 x 52 x 45mm		
Installation LP800	2 screws / Adhesive		
Installation LP801	2 screws / Adhesive		
Installation LP802	Center screw / Adhesive Material thickness ≤ 3.5mm, Installation hole Ø 16-19mm		
Cable	RG316 Different cable lengths are available upon request		
Connector	Different connectors are available upon request		
Weight	~100g		
Colour	Grey. Black on request		
IP class LP800	IP65, when installed		
IP class LP801	IP65		
IP class LP802	IP65, when installed		
Operating Temperature	-40°C to +85°C		
Storage Temperature	-40°C to +85°C		
RoHs compliant	Yes		

Smarteq reserves the right to change specifications without prior notice.



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