

StellaHome-LGW

- Model number: SD-RP1002-LGW
- Frequency: 800/900/2100Mhz



Frequency Specifications:

| | |
|--------------------------------------|---|
| Frequency bands(Mhz): | (791 - 862MHz) + (880-960MHz) + (1.92-2.17GHz) |
| Coverage: | 1000m ² (open space) |
| Number of People: | unlimited |
| Gain: | Uplink Gp > 50dB Downlink Gp > 60dB |
| Pass band ripple: | < 4dB |
| I/O impedance: | 50 ohm/SMA female connector |
| Max uplink/downlink signal strength: | 17dBm / 10dBm |
| Ambient Temperature: | -30°C to +70°C |
| Power supply input: | 110 - 240V AC |
| Power supply output: | 12v DC |
| Oscillation Control | Automatic |
| Level Control: | Automatic* |
| Uplink Switch Off | Yes** |
| AGC Range | 30db |
| Surge protection | SMA connectors DC grounded, 12V DC port MOV protected |

Antenna Specifications:

Indoor / outdoor antenna

| | |
|---------------------------|---------------------------|
| Nominal Gain | 6.4dBi / 9.4dBi |
| 3dB beam Pattern | 60° x 60° |
| Bandwidth | 790-960MHz + 1710-2700MHz |
| VSWR | <1.4 |
| Front to Back Ratio | > 20dB |
| Polarization | Vertical |
| Power Rating | 50W |
| Impedance | 50-OHM |
| Termination | SMA male |
| Cross Pol. Discrimination | -20dB |
| Dimensions | 210 x 180 x 43mm |
| Weight | 0.68kg |
| Wind velocity | 126km/hr |
| Working temperature | -40°C to +65°C |

Power Supply Specification:

| | | |
|---------------------|----------|---------|
| AC | 100-240V | 50-60Hz |
| DC input | 12V | 1.6A |
| Typical power usage | 20W | |

Mechanical Specification:

| | |
|----------|----------------------------|
| Length | 40cm |
| Width | 19cm |
| Depth | 3.5cm |
| Weight | 1.2kg |
| Mounting | 4 x 5mm holes for mounting |

* Automatically adjusts during installation. Thereafter, automatically adjusts for seasonal variation in pathloss between Base station and Outdoor Antenna.

** The uplink amplifiers switch off when the repeater is not in use, thus reducing the uplink noise to almost zero. When the repeater is in use (eg phone call being made), the uplink amplifier switches on for the duration of the call and a blue LED switches on indicating this is the case.

Note: Specifications subject to change without notice.