



## Indoor Coverage for 800 MHz LTE Applications

### Product Classification

**Product Type** RF repeater unit

### General Specifications

**Antenna Interface at Repeater** SMA Female

**Indoor Antenna** Optional, not included

**Optional Antenna Gain** 2 dBi

**Optional Antenna Type** Omni

**Performance Note** Values typical, unless otherwise stated

**Supervision/Control Option** Heartbeat via SMS | Remote control

### Dimensions

**Height** 240 mm | 9.449 in

**Width** 240 mm | 9.449 in

**Depth** 35 mm | 1.378 in

**Optional Antenna Length** 80 mm | 3.15 in

### Electrical Specifications

**Gain, typical** 70 dB

**Gain Adjustment Range** 30 dB

**License Band** LTE 800

**Local Power** 6 Vdc

**Mains Power** 100–240 Vac

**Return Loss** 10 dB

**Power Consumption** 20 W

# 7657462 | MR818

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## Electrical Specifications, Rx (Uplink)

|                                    |               |
|------------------------------------|---------------|
| <b>Operating Frequency Band</b>    | 832 – 862 MHz |
| <b>Output Power @ One Carrier</b>  | 18 dBm (3GPP) |
| <b>Output Power @ Two Carriers</b> | 15 dBm (3GPP) |

## Electrical Specifications, Tx (Downlink)

|                                    |               |
|------------------------------------|---------------|
| <b>Operating Frequency Band</b>    | 791 – 821 MHz |
| <b>Output Power @ One Carrier</b>  | 18 dBm (3GPP) |
| <b>Output Power @ Two Carriers</b> | 15 dBm (3GPP) |

## Environmental Specifications

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| <b>Operating Temperature</b>          | +5 °C to +40 °C (+41 °F to +104 °F) |
| <b>Ingress Protection Test Method</b> | IEC 60529:2001, IP30                |

## Packaging and Weights

|                    |                   |
|--------------------|-------------------|
| <b>Weight, net</b> | 1.5 kg   3.307 lb |
|--------------------|-------------------|

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| CHINA-ROHS    | Above maximum concentration value  |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| ROHS          | Compliant/Exempted   |
| UK-ROHS       | Compliant/Exempted   |

