MR2118 Indoor Coverage and High Speed Data Enhancer for 2100 MHz UMTS and 2100 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 |
| Optional Antenna Length | 90 mm | 3.543 in |
| Depth | 35 mm | 1.378 in |

### Electrical Specifications

| Gain | 75 dB |
| Gain Adjustment Range | 30 dB |
| License Band | LTE 2100 | UMTS 2100 |
| Local Power | 6 Vdc |
| Mains Power | 100–240 Vac |
| Return Loss | 10 dB |
| Power Consumption | 20 W |
Electrical Specifications, Rx (Uplink)

Operating Frequency Band 1920 – 1980 MHz
Output Power @ One Carrier 18 dBm
Output Power @ Two Carriers 15 dBm
Output Power Note Possible slight degradation of LTE requirement unwanted emission limit at certain passband adjustments and carrier constellation

Electrical Specifications, Tx (Downlink)

Operating Frequency Band 2110 – 2170 MHz (AWS 1700)
Output Power @ One Carrier 18 dBm
Output Power @ Two Carriers 15 dBm

Environmental Specifications

Operating Temperature +5 °C to +40 °C (+41 °F to +104 °F)
Ingress Protection Test Method IEC 60529:2001, IP30

Packaging and Weights

Weight, net 1.5 kg | 3.307 lb

Regulatory Compliance/Certifications

Agency ISO 9001:2015
Classification Designed, manufactured and/or distributed under this quality management system

* Footnotes

EVM Error Vector Magnitude