

**Andrew Solutions****MR818****Indoor Coverage for 800 MHz LTE Applications**

## General Specifications

Antenna Interface at Repeater	SMA Female
Indoor Antenna	Optional; not included
Optional Antenna Gain	2 dBi
Optional Antenna Length	80.00 mm   3.15 in
Optional Antenna Type	Omnidirectional

## Electrical Specifications

Gain	70 dB
License Band	LTE 800
Gain Adjustment Range	30 dB
Return Loss	10.0 dB
Power Consumption	20 W
Bandwidth	1–25 MHz (variable)
Bandwidth Increments	10 kHz
Flatness, maximum	±3 dB
Gain Adjustment Range Increments	1 dB
Group Delay, maximum	5.0 µs
Local Power	6 Vdc
Mains Power	100–240 Vac
Noise Figure, at maximum gain	6.0 dB
Spurious Emissions	3GPP

## Electrical Specifications Rx (Uplink)

Operating Frequency Band	832 – 862 MHz
Output Power @ One Carrier	18 dBm (3GPP)
Output Power @ Two Carriers	15 dBm (3GPP)
Output ICP-3	42 dBm

## Electrical Specifications Tx (Downlink)

Operating Frequency Band	791 – 821 MHz
Output Power @ One Carrier	18 dBm (3GPP)
Output Power @ Two Carriers	15 dBm (3GPP)
Output ICP-3	42 dBm

## Supervision And Control

Supervision/Control Option	Heartbeat via SMS   Remote control
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MR818



General Alarm

Automatic level control | Current | Temperature

## Environmental Specifications

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

## Dimensions

Depth	35.00 mm   1.38 in
Height	240.00 mm   9.45 in
Width	240.00 mm   9.45 in
Net Weight	1.50 kg   3.31 lb

## Note

Performance Note Values typical, unless otherwise stated

## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system