

**MR918E | 7599149****Indoor Coverage for 900 MHz EGSM, 900 MHz UMTS, and 900 MHz LTE Applications**

## General Specifications

Antenna Interface at Repeater	SMA Female
Indoor Antenna	Optional; not included
Optional Antenna Gain	2 dBi
Optional Antenna Length	90.00 mm   3.54 in
Optional Antenna Type	Omni

## Electrical Specifications

Gain	70 dB
License Band	EGSM   LTE 900   UMTS 900
Local Power	6 Vdc
Mains Power	100–240 Vac
Gain Adjustment Range	30 dB
Return Loss	10.0 dB
Power Consumption	20 W

## Electrical Specifications Rx (Uplink)

Operating Frequency Band	880 – 905 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	925 – 950 MHz
Output Power @ One Carrier	18 dBm
Output Power @ Two Carriers	15 dBm

## Supervision And Control

Supervision/Control Option	Heartbeat via SMS   Remote control
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## 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
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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
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**Regulatory Compliance/Certifications**

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