

# Product Specifications

MR918

Indoor Coverage for 900 MHz GSM and 900 MHz UMTS Applications



## CHARACTERISTICS

### Electrical Specifications

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License Band	GSM   UMTS 900
Bandwidth	1–25 MHz (variable)
Bandwidth Increments	10 kHz
Gain	70 dB
Flatness, maximum	±3 dB
Gain Adjustment Range	30 dB
Gain Adjustment Range Increments	1 dB
Noise Figure	6.0 dB
Spurious Emissions, maximum	GSM 05.05   3GPP
Group Delay, maximum	5 $\mu$ s
Return Loss	10.0 dB
Mains Power	100–240 Vac
Local Power	6 Vdc
Power Consumption	20 W

### Rx Electrical Specifications

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OICP-3	41 dBm
Operating Frequency Band	890 – 915 MHz
Output Power per Antenna Port at One Carrier	18 dBm
Output Power per Antenna Port at Two Carriers	15 dBm

### Tx Electrical Specifications

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OICP-3	41 dBm
Operating Frequency Band	935 – 960 MHz
Output Power per Antenna Port at One Carrier	18 dBm
Output Power per Antenna Port at Two Carriers	15 dBm

# Product Specifications

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## General Specifications

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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

## Supervision And Control

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General Alarms	Automatic level control   Current   Temperature
Optional Supervision and Control	Heartbeat via SMS   Remote control

## Environmental Specifications

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

## Dimensions

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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