

# Product Specifications



MR2118

Indoor Coverage and High Speed Data Enhancer for 2100 MHz UMTS Applications



## CHARACTERISTICS

### Electrical Specifications

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License Band	UMTS 2100
Bandwidth	1–25 MHz (variable)
Bandwidth Increments	10 kHz
Gain	70 dB
Flatness, maximum	±2.5 dB
Gain Adjustment Range	30 dB
Gain Adjustment Range Increments	1 dB
Noise Figure	6.0 dB
Spurious Emissions, maximum	3GPP
EVM	8 %
Group Delay Ripple	±200 ns
Group Delay, maximum	5 µs
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	1920 – 1980 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	2110 – 2170 MHz
Output Power per Antenna Port at One Carrier	18 dBm

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Join the Evolution The graphic consists of four blue circles of decreasing size from left to right, positioned to the right of the text "Join the Evolution".

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# Product Specifications

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Output Power per Antenna Port at Two Carriers 15 dBm



## 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

## \* Footnotes

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EVM	Error Vector Magnitude
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