

**MR1818U | 7600606****Indoor Coverage for 1800 MHz GSM and 1800 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	Omni

Electrical Specifications

Gain	70 dB
License Band	GSM 1800 LTE 1800
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	1730 – 1785 MHz
Output Power @ One Carrier	18 dBm (GSM 05.05) 18 dBm (3GPP)
Output Power @ Two Carriers	15 dBm (GSM 05.05) 15 dBm (3GPP)
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	1825 – 1880 MHz
Output Power @ One Carrier	18 dBm (GSM 05.05) 18 dBm (3GPP)
Output Power @ Two Carriers	15 dBm (GSM 05.05) 15 dBm (UMTS)

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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Product Specifications



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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