7849242 | CMR8/9

CMR dual band mini-repeater for band 20 and band 8

Product Classification

Regional Availability	EMEA | Middle East/Africa
Product Type	RF repeater unit

General Specifications

Antenna Interface at Repeater	SMA Female
Performance Note	Values typical, unless otherwise stated
Supervision/Control Option	Remote control via integrated LTE/GSM modem or LAN (SNMP v3)

Dimensions

Height	73 mm | 2.874 in
Width	340 mm | 13.386 in
Depth	255 mm | 10.039 in

Electrical Specifications

Electrical Safety Standard	IEC/EN 62368-1
Gain, typical	78 dB
Gain Adjustment Range	30 dB
Group Delay, maximum, specific	4.5 µs @ band 1 | 5.5 µs @ band 2
License Band	GSM 900 | LTE 800 | LTE 900 | UMTS 900
Mains Power	100–240 Vac
Power Consumption	45 W
Electrical Compliance	EN 301 908-15 (Band 1) + EN 303 609 / EN 301 908-11 / EN 301 908-15 (Band 2)

Electrical Specifications, Rx (Uplink)

Operating Frequency Band	832 – 862 MHz (Band 1) | 880 – 915 MHz (Band 2)
Output Power @ One Carrier	18 dBm (Band 1) + 18 dBm (Band 2)

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Output Power @ Two Carriers	15 dBm (Band 1) + 15 dBm (Band 2)

Electrical Specifications, Tx (Downlink)

Operating Frequency Band	791 – 821 MHz (Band 1) | 925 – 960 MHz (Band 2)
Output Power @ One Carrier	21 dBm (Band 1) + 21 dBm (Band 2)
Output Power @ Two Carriers	18 dBm (Band 1) + 18 dBm (Band 2)

Environmental Specifications

Operating Temperature	-10 °C to +50 °C (+14 °F to +122 °F)
Ingress Protection Test Method	IEC 60529:2001, IP30

Packaging and Weights

Weight, net	5.2 kg | 11.464 lb

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