

MR418 | 7613614; 7615374; 7625001



Indoor Coverage for 400 MHz TETRA and Tetrapol Applications

Product Classification

Product Type RF repeater unit

General Specifications

Antenna Interface at Repeater SMA Female
Indoor Antenna Optional, not included
Optional Antenna Gain 2 dBi
Optional Antenna Type Omni
Optional Modem Type External GSM
Performance Note Values typical, unless otherwise stated
Supervision/Control Option Heartbeat via SMS | Remote control

Dimensions

Height 270 mm | 10.63 in
Width 240 mm | 9.449 in
Optional Antenna Length 165 mm | 6.496 in
Depth 45 mm | 1.772 in

Electrical Specifications

Gain 70 dB
Gain Adjustment Range 30 dB
License Band TETRA | Tetrapol
Local Power 6 Vdc
Mains Power 100–240 Vac
Return Loss 10 dB
Power Consumption 25 W

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Electrical Compliance ETSI TS 101 789-1

Electrical Specifications, Rx (Uplink)

Operating Frequency Band 380 – 385 MHz | 410 – 415 MHz | 415 – 420 MHz

Output Power @ One Carrier 19 dBm

Output Power @ Two Carriers 16 dBm

Electrical Specifications, Tx (Downlink)

Operating Frequency Band 390 – 395 MHz | 420 – 425 MHz | 425 – 430 MHz

Output Power @ One Carrier 19 dBm

Output Power @ Two Carriers 16 dBm

Environmental Specifications

Operating Temperature +5 °C to +40 °C (+41 °F to +104 °F)

Ingress Protection Test Method IEC 60529:2001, IP30

Packaging and Weights

Weight, net 3.2 kg | 7.055 lb

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

Designed, manufactured and/or distributed under this quality management system

