# 7625001 | MR418 415-420 425-430

RF repeater unit



#### Indoor Coverage for 400 MHz TETRA and Tetrapol Applications

Product	Classification

**Product Type** 

# 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
Depth	45 mm   1.772 in
Optional Antenna Length	165 mm   6.496 in

### **Electrical Specifications**

Gain, typical	70 dB
Gain Adjustment Range	30 dB
License Band	TETRA   Tetrapol
Local Power	6 Vdc
Mains Power	100-240 Vac
Return Loss	10 dB

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Power Consumption	25 W	
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)	

Operating Temperature	+5 C l0 +40 C (+41 F l0 +104
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

ISO 9001:2015

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

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