



## MR418

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

### General Specifications

Antenna Interface at Repeater	SMA Female
Indoor Antenna	Optional; not included
Optional Antenna Gain	2 dBi
Optional Antenna Length	165.00 mm   6.50 in
Optional Antenna Type	Omni

### Electrical Specifications

Gain	70 dB
License Band	TETRA   Tetrapol
Electrical Compliance	ETSI TS 101 789-1
Local Power	6 Vdc
Mains Power	100–240 Vac
Gain Adjustment Range	30 dB
Return Loss	10.0 dB
Power Consumption	25 W

### 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

### Supervision And Control

Optional Modem Type	External GSM   Integrated GSM
Supervision/Control Option	Heartbeat via SMS   Remote control

### Environmental Specifications

Ingress Protection Test Method	IEC 60529:2001, IP30
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MR418



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

## Dimensions

Depth	45.00 mm		1.77 in
Height	270.00 mm		10.63 in
Width	240.00 mm		9.45 in
Net Weight	3.20 kg		7.05 lb

## Note

Performance Note            Values typical, unless otherwise stated

## Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system