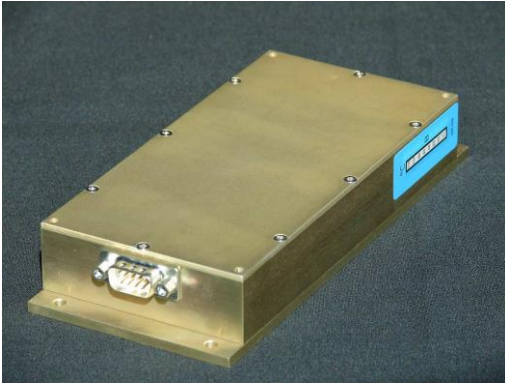


## UHF RECEIVER

### RX-UHF-MB



## AIRBORNE DIGITAL TELEMETRY RECEIVER

- Frequency range: 400 to 470 MHz.  
by 10 MHz sub-bands.
- Noise figure: < 2 dB.
- Dynamic input: -20 dBm to -100 dBm.
- Maximum input level : +10 dBm.
- Sensibility: -95 dBm
- Synthesized.
- Programming increments: 12.5 KHz step.
- Frequency accuracy:  $\pm 2$  ppm at 25 °C.
- Frequency stability:  $\pm 3$  ppm from -10°C to +70°C.
- Démodulation: FSK .
- Data rate: 115.2 Kbps, 57.6 Kbps,  
38.4 Kbps, 19.2 Kbps,  
9.6 Kbps (factory setting)
  
- Data output: RS232 or RS485 (always Master)
- Monitoring & Control: RS232 9600 Bps

## POWER REQUIREMENT

- 28 V DC ( 20 V min to 36 V max ).
- < 200 mA for 28V.
- Reverse polarity protection.

## ENVIRONMENTAL CONDITIONS

- Operating temperature range :-20 to +60° C.
- Vibration: 10 Hz to 400 Hz, 10 g-c.  
Random 0.4 g<sup>2</sup>/Hz from 10 to 400 Hz.
- Shock: 1/2 sinus 6 ms, 80 g.
- Acceleration: 80 g.

## DIMENSIONS

- 180 x 80 x 30 ( mm ).
- Weight : 550 g.
- RF input connector : SMA.
- Power Supply, RS232 M&C : Type « D » 9 pins male.

## OPTIONS

- Other frequencies sub-bands.
- Other modulations ( on request ).
- Selective address setting ( consult us ).
- FEC ( consult us ).

\*Specifications subject to change without notice

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