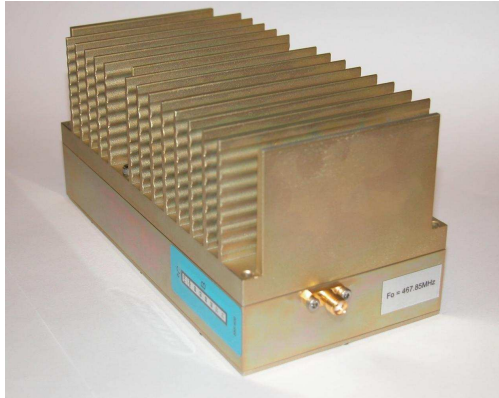


## UHF TRANSMITTER

TX-UHF-MB



## DIGITAL TELEMETRY TRANSMITTER

- Frequency range: 400 to 470 MHz.  
by 10 MHz sub-bands.  
( factory setting ).
- Output power: 1 W, 5W, 7 W, 20W
- Adjustable power output by RS232
- ON/OFF selectable by RS232
- VSWR Protection
- Synthesized.
- Programming increments: 12.5 kHz step.
- Frequency accuracy:  $\pm 2$  ppm at 25 °C.
- Frequency stability:  $\pm 3$  ppm from -25°C to +70°C.
- Modulation: FSK .
- Data rate: 115.2 kbps.  
57.6 kbps  
38.4 kbps  
19.2 kbps  
9.6 kbps
- Data Input: RS232 or RS485, always slave
- Programming: RS232 9600 bits/s

## POWER REQUIREMENT

- 28 V DC ( 20 V min to 32 V max ).
- < 1.5A for 7 W and < 4.5 A for 20 W (28V supply voltage)
- 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.
- Chock: ½ sinus 6 ms, 80 g.
- Acceleration: 80 g.

## DIMENSIONS

- 180x 80 x 76 ( mm )
- Weight : < 1.5 kg,
- RF output connector : SMA.
- Power, RS232 programming : 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*

**Distributed by AA SYSTEL**  
Contact: Mr. Gerard FOURREAUX  
Tel.: 33 1 69 63 86 30  
Mobile: 33 6 75 23 94 32  
E-mail: Gerard.fourreaux@a-a.fr