



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: ± 2 ppm at 25 °C.
- Frequency stability: ± 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 g²/Hz from 10 to 400 Hz.
- Chock: 1/2 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@aasystel.com