



UHF RECEIVER RX-UHF-FT



Applications : drones, aircrafts...

TERMINATION FLIGHT RECEIVER

- Frequency range: 400 to 470 MHz.
by 10 MHz sub-bands.
- Noise figure: 2 dB.
- Dynamic input: -20 dBm to -105 dBm.
- Maximum input level : +10 dBm.
- Sensibility: -110 dBm max for 10 dB SINAD
at 2400 bits/s.
- Synthesized.
- Programming increments: 12.5 kHz step.
- Frequency accuracy: ± 4 ppm at 25 °C.
- Frequency stability: ± 5 ppm from -10°C to +70°C.
- Démodulation: FSK FM.
- Data rate: ≤ 2400 bits/s.

POWER REQUIREMENT

- 12 V DC (9 V min to 18 V max).
or 28 V DC (18 V min to 36 V) (factory setting).
- < 400 mA.
- Reverse polarity protection.

ENVIRONMENTAL CONDITIONS

- Operating temperature range : -30 to +70° C.
- Vibration: 10 Hz to 400 Hz, 10 g-c.
Random 0.4 g²/Hz from 10 to 400 Hz.
- Shock: $\frac{1}{2}$ sinus 6 ms, 80 g.
- Acceleration: 80 g.
- Watertight: IP54.

DIMENSIONS

- 169.5 x 109.5 x 30.14 (mm).
- Weight : < 400 g.
- RF input connector : SMA.
- Power and output connector : Type « D ».

TERMINATION FLIGHT

- 3 TTL output.
- Frame detect : 64 bits.
- Positive safety output.
- TTL output « 1 » (5 V) when no termination fligh.

**Specifications subject to change without notice*

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