

# HIGH & LOW SPEED ANTENNAS for Emergency Locator Transmitters



*Blade antenna    Rod antenna*

- Enables the transmission of emergency signals on the 121.5, 243 and 406 MHz frequencies.
- Compatible with all ELTA automatic ELTs.
- Blade antenna for high speed aircraft :
  - For speeds up to 950 km/h,
  - Only single 50 Ohms connection required (BNC connector).
- Reinforced rod antenna for low speed aircraft :
  - For speeds up to 500 km/h,
  - Only single 50 Ohms connection required (BNC or N connector).

## Main features

**Three Frequency external antenna  
(121.5/243/406 MHz)**

**Two models : for high & low speed aircraft**



*Electronics for Harsh Environments*

**Main Characteristics: Blade Antenna**

Frequency Range	121.5, 243, 406 MHz
SWR/50	< 1.50
Polarization	Vertical
Gain	Same as $\frac{1}{4}$ wave
Weight	540 g (1.19 lb)
Temperature range	- 55° to + 70° C (- 67° F to + 158° F) max. 90°C(+194° F)
Altitude	70,000 ft
Finishing coat	Polyurethane and Alodine 1200

**Main Characteristics: Rod Antenna**

Frequency Range	121.5, 243, 406 MHz
SWR/50	< 1.70
Permissible power	100 W RMS
Efficiency	> 85 %
Weight	150 g (0.331 lb)
Temperature range	- 45° C to + 70° C (- 49° F to + 158 °F)

**Ordering information**

P/N 11 242 (Rayan 2614-82)	Blade antenna
P/N 25988 (Rayan 2624-82)	Blade antenna
P/N 11243 (Rayan 1327-85)	Rod antenna (N connector)
P/N 28592 (Rayan 1327-82)	Rod antenna (BNC connector)

**Major Customer references**

Air France	IBERIA
EADS Airbus	Thai Airways
Boeing	



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