

# CHELTON

## Tri-Band ELT Blade Antenna

### **Key features:**

- Multi-Band
- Aerodynamic
- Rugged
- Lightweight

Type 16-21-406 is a tri-band Emergency Locator Transmitter (ELT) antenna.

#### ELECTRICAL

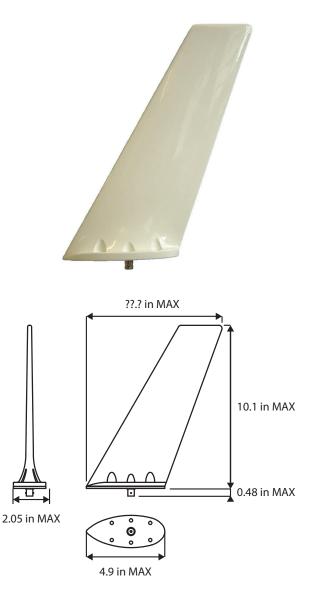
| Frequency<br>Range (MHz | 121.5 - 406 MHz  |         |  |
|-------------------------|------------------|---------|--|
| Impedance               | 50 Ω             |         |  |
| VSWR                    | 121.5 MHz:       | <1.75:1 |  |
|                         | 243 MHz:         | <1.75:1 |  |
|                         | 406 MHz:         | <1.5:1  |  |
| Gain                    | +3 dBi (minimum) |         |  |
| Polarisation            | Vertical         |         |  |
| Radiation               | Omnidirectiona   |         |  |
|                         |                  |         |  |

#### MECHANICAL

| Dimensions<br>(LxWxH) | 221 x 52 x 257 (mm) |
|-----------------------|---------------------|
| Mass                  | 0.36 kg             |
| Connector             | BNC Type Female     |
| Platform(s)           | Air                 |

#### **ENVIRONMENTAL**

| Environmental                          | DO-160                        |  |
|--|-------------------------------|--|
| Continuous<br>Operating<br>Temperature | - 55°C Min<br>+ 70°C Max      |  |
| Altitude                               | 35000 ft                      |  |
| Vibration                              | RTCA DO-160C, Sect 8, Curve C |  |



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