

# L-Band airborne blade antenna

## Model TL1500B



### ELECTRICAL SPECIFICATIONS

- Frequency Range 1.0 to 2.0 GHz
- Polarisation linear
- Gain nom. 0 dBi
- Coverage omni directional
- Power Rating max. 20 Watts CW at sea level and 5 Watts CW at 10 km
- Impedance 50 Ohms
- VSWR better than 1.5:1

The rugged airborne antenna model TL1500B is specially designed for applications onboard from helicopters, aircrafts, drones and missiles. The antenna work alone or in multi antenna arrays with matching networks.

### MECHANICAL SPECIFICATIONS

- Connector Type TNC-female, optional SMA female
- Antenna High 48 mm (1.95 inch)
- Materials/Colours radome – high temperature PPA/beige, Mounting plate – stainless steel
- Weight ≤100 grams (0.22 lb)

### ENVIRONMENTAL SPECIFICATIONS

- Temperature Range -55°C to +150°C (-70°F to +300°F ), operating  
-65°C to +200°C (-85°F to +390°F), storage
- Maximum Speed max. 2.5 mach at 15 km altitude

### OUTLINE DIMENSIONS

