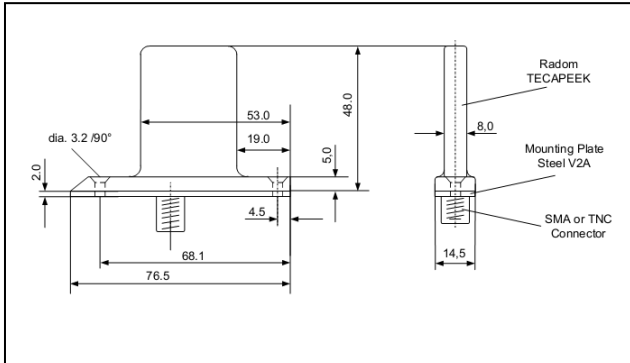


Airborne blade antenna L-Band

Model TL1500B



ELECTRICAL SPECIFICATIONS

- Frequency Range 1.0 to 2.0 GHz
Center frequency matched to customer request
- 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.

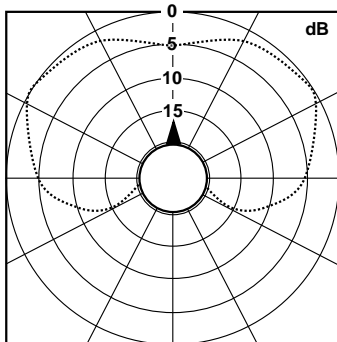
MECHANICAL SPECIFICATIONS

- 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)

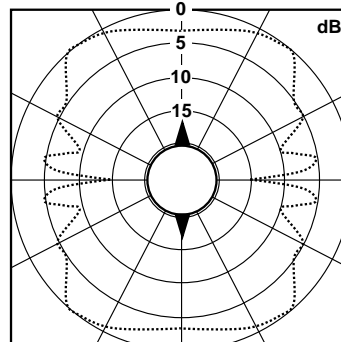
ENVIRONMENTAL SPECIFICATIONS

- 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

TYPICAL ROLL PLANE PATTERNS for BLADE ANTENNA TL1500B

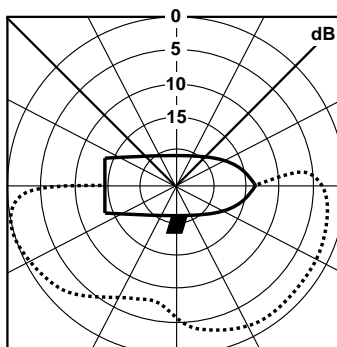


1 Antenna at 1.5 GHz

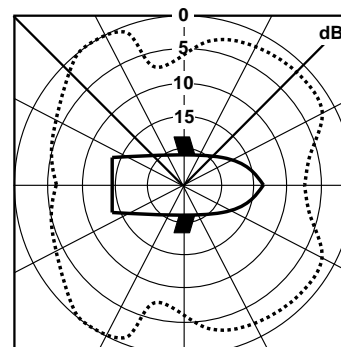


2 Antennas at 1.5 GHz

TYPICAL YAW PLANE PATTERNS for BLADE ANTENNA TL1500B



1 Antenna at 1.5 GHz



2 Antennas at 1.5 GHz