Airborne Blade Antenna S-Band

Type TS2400B

ELECTRICAL SPECIFICATIONS

- Frequency Range: 2.2 to 2.4 GHz; optional 2.3 to 2.5 GHz
- Polarisation: linear
- Gain: nom. 0 dBi
- Coverage: omni directional
- Power Rating: about 20 Watts CW at sea level and about 10 Watts CW at 10 km
- Impedance: 50 Ohms
- VSWR: better than 1.5:1

MECHANICAL SPECIFICATIONS

- Connector Type: SMA female, optional TNC-female
- Antenna Height: 32 mm (1.4 inch)
- Materials/Colours: radome – high temperature PPA/beige
  Mounting plate – stainless steel
- Weight: SMA 29 g (≤ 1 oz); TNC 34 g (≤ 1.2 oz)

ENVIRONMENTAL SPECIFICATIONS

- Temperature Range: -100°C to +210°C (-150°F to +410°F), continuously operating
  max. 450 °C (842 °F) for 20 sec.
- Maximum Speed: max. 2.5 mach at 15 km (50 000 ft) altitude

OUTLINE DIMENSIONS

TYPICAL ROLL PLANE PATTERNS for BLADE ANTENNA TS2400B

TYPICAL YAW PLANE PATTERNS for BLADE ANTENNA TS2400B