

SUPARCO BUSINESS SOLUTIONS

X-band Isoflux Antenna

Bandwidth 150 MHz | SMA-F Interface

Technical Specifications

- Frequency Range: 8 – 10 GHz
- Operational Bandwidth: 150 MHz
- Gain: 7 dB @ $\pm 44^\circ$
- Gain: 6 dB @ Boresight
- Polarization: RHCP
- Axial Ratio: < 3 dB @ $\pm 44^\circ$
- Cross-pol: > 10 dB
- VSWR: ≤ 1.3
- Mass: < 0.5 kg
- Temperature: -100 to 125 °C
- Vibrations: 10g RMS
- Shock: 70g
- Material: Aluminum Alloy

For more
information



Product Description

- ★ SUPARCO has designed and developed X-band Antenna transmits the payload data, RF signal coming from X-band power amplifier to the X-band ground station.
- ★ The antenna is single fed and provides a nearly isoflux pattern.
- ★ Frequency Range and bandwidth are user defined. Designed according to mil. standards and space standards

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