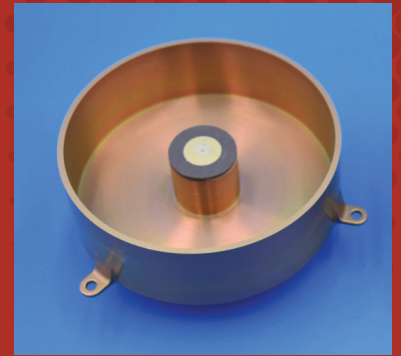


C/X-Band Isoflux Antennas for Space



This selection of space-qualified antennas is designed for C and X-Band operation, with several units successfully deployed in space missions.

Application

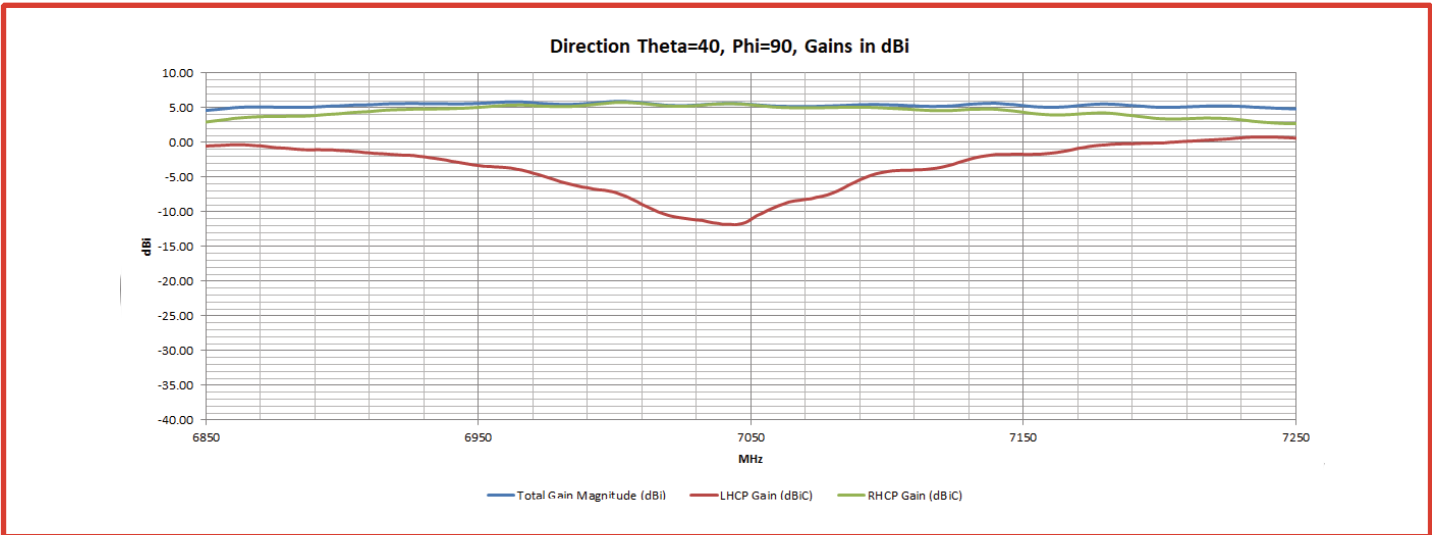
- Designed to create a uniform field strength across the satellite's coverage area at C or X-Band.
- These antennas have been rigorously tested and proven in actual space missions.
- Their robust design guarantees long-term reliability in the demanding conditions of space.

Options

- RHCP or LHCP
- Hemispheric radiation pattern
- Planar versions for L or S-Band
- Other frequency bands

Key Features

- Isoflux radiation pattern
- Operate at C or X-Band
- Circularly polarized
- Excellent axial ratio at low elevations
- High front-to-back ratio
- Grounded for protection against static buildup
- High isolation from adjacent antennas

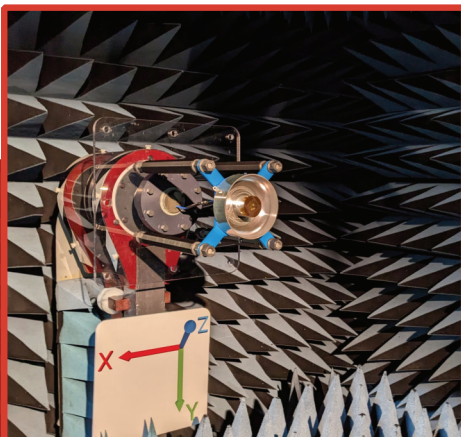
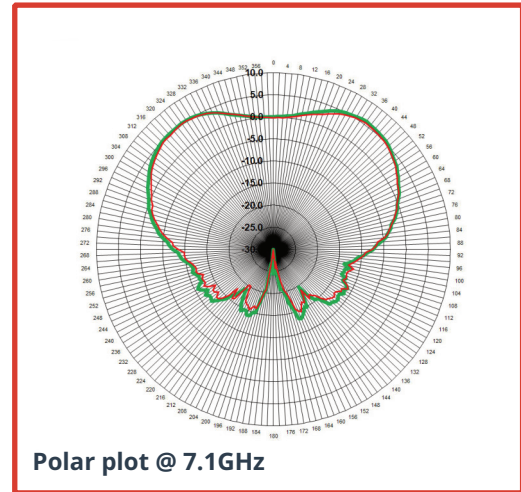


About us

Orban Microwave, founded in 1996, designs and manufactures advanced antennas and RF subsystems for space, radar, GNSS, and avionics applications.

We deliver high-quality, reliable, and efficient solutions supporting military, commercial, and industrial missions.

Our portfolio includes antenna arrays, AESA systems, wideband and omnidirectional antennas, quadrifilars, and a range of RF products such as T/R modules, power amplifiers, low-noise amplifiers, transponders, and RF switches.



Contact us for a complete set of anechoic chamber data

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