

Lyrebird Antenna Research Pty Ltd

www.lyrebirdantennas.com



LYREBIRD

ANTENNA RESEARCH

Lyrebird Antenna Research Pty Ltd is an Australian company aiming to pursue the research and development of high performance reflector and feed systems for SATCOM, radio astronomy and remote sensing operations.

We have a world class antenna design team comprising specialists in feed horn and reflector design, waveguide components design, and computational electromagnetism.

Our design experience extends from L-band to > 50 GHz.

Design specialties: Feed horns (single band and multiband), reflectors, waveguide components, computational electromagnetism, SATCOM-on-the-Move antenna design, RF design, antenna proof of concept and feasibility studies.

S/X Feed System (F/D=0.45)

S-Tx: 2.025 - 2.110 GHz

S-Rx-1: 2.200 - 2.290 GHz

S-Rx-2: 2.400 - 2.450 GHz

X-Rx: 8.025 - 8.400 GHz



