



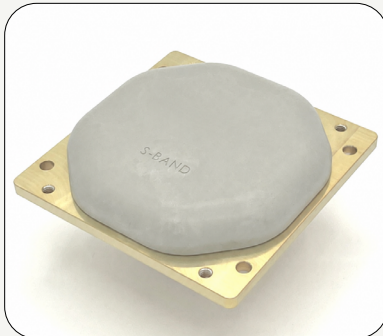
Lucentum Aerospace supports international teams with COTS and custom RF components for space applications, offering pricing and lead times aligned with the needs of NewSpace programs.

Contact us for a full catalog, data sheets, or to discuss how we can support your next mission.

Space Antennas

COTS

Custom

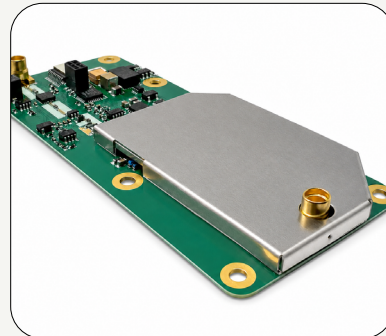


Over 19 COTS options for space, including 17 that are TRL 9. For GNSS/GPS, data, and TT&C applications. Matching antenna test hats available. Custom high- and low-gain antennas available for L to Ka bands.

Power Amplifiers

COTS

Custom

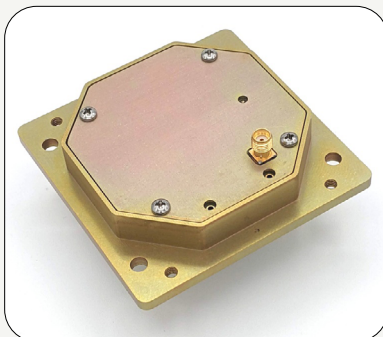


A wide range of options with 20+ years of LEO heritage, flown on over 200 missions. Available in frequency bands from UHF to Ka.

LNAs

COTS

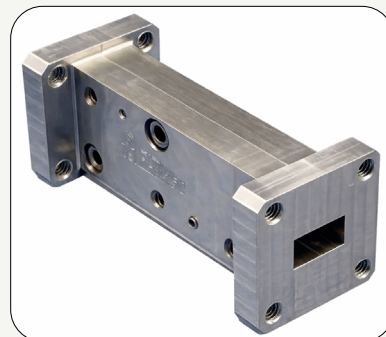
Custom



A variety of COTS options available for GNSS/GPS and S-band TT&C receive chains, with radiation-tolerant configurations rated up to 3 Mrad TID for space environments.

RF Filters

Custom



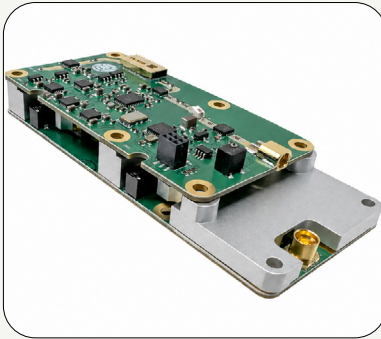
Bandpass, low-pass, high-pass, and notch configurations from L-band through Ka-band, built and qualified to mission-specific electrical and interface requirements.



Frequency Converters & Extenders

COTS

Custom



Upconverters, downconverters, and RF extender modules with 20+ years of flight heritage, supporting SDR, payload, TT&C, SATCOM, and test architectures.

Couplers

COTS

Custom



Hybrid and directional couplers in both coaxial and waveguide. For flight or ground applications.

Waveguide Components

COTS

Custom

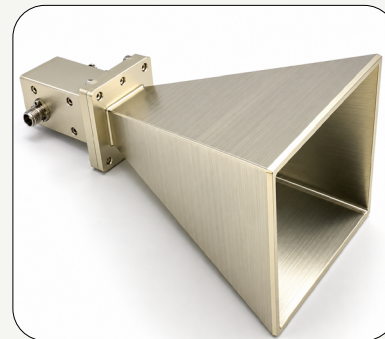


Over 100 different types of waveguide components in a wide range of COTS configurations for flight and ground applications. Support for custom requirements and waveguide assemblies.

Horn Antennas

COTS

Custom

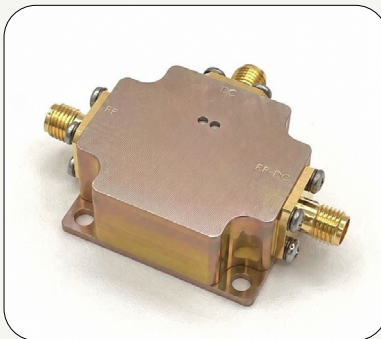


Solutions for K/Ka-band SATCOM, TT&C, data links, and RF test environments, with COTS options covering 10 to 40 GHz.

Bias Tees

COTS

Custom

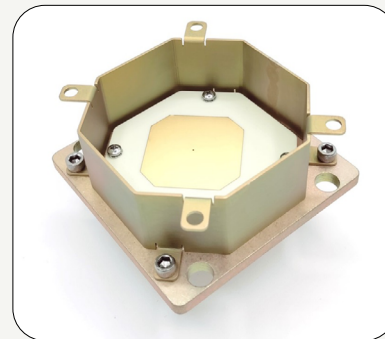


For clean DC power injection into RF chains, supporting active antennas, LNAs, GNSS/GPS front ends, and TT&C systems.

Antenna Test Hats

COTS

Custom



COTS test hats available for all our COTS space antennas. Also custom test hats designed to your specifications.