

UNFURLABLE KA-BAND REFLECTORS

L3Harris's large, unfurlable ka-band mesh reflectors meet the increasing demand for high-throughput satellite (HTS) antennas that can operate at higher frequencies. These reflectors easily integrate into all spacecraft configurations.

PUSHING THE BOUNDARIES OF TECHNOLOGY

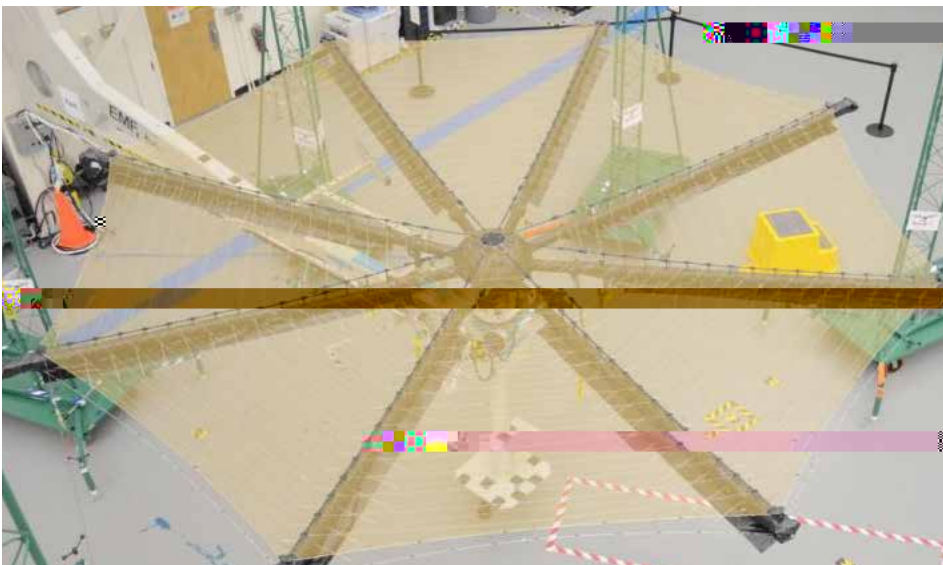
These large, unfurlable ka-band mesh reflectors are designed to meet the increasing demand for high-throughput satellite (HTS) antennas that can operate at higher frequencies. These reflectors easily integrate into all spacecraft configurations.

These large, unfurlable ka-band mesh reflectors are designed to meet the increasing demand for high-throughput satellite (HTS) antennas that can operate at higher frequencies. These reflectors easily integrate into all spacecraft configurations.

The only 5-meter Ka-band unfurlable reflector commercially available

BENEFITS

- > Increases frequency reuse and capacity over a selected geographical area
- > Reduces cost per bit
- > Enhances mission performance through innovative surface-shaping technology
- > Improves tracking performance through unique hub mounting configuration



ABOUT OUR 5-METER UNFURLABLE REFLECTOR

Our 5-meter unfurlable reflector is a highly efficient, lightweight antenna designed for space-based applications. It features a unique deployment mechanism that allows it to be stowed compactly and then unfurled in orbit. The reflector is constructed from a durable, lightweight material that provides excellent performance across a wide range of frequencies. Its design is optimized for high-gain, narrow-beam applications, making it ideal for satellite communications and remote sensing. The unfurlable reflector is a key component of our advanced satellite systems, providing reliable and high-performance communication capabilities.

Unfurlable Ka-band Reflectors

Our unfurlable Ka-band reflectors are designed for high-frequency satellite communications. They offer high gain and narrow beamwidth, enabling long-range, high-speed data links. The reflectors are compact and lightweight, making them suitable for small satellite platforms. Their deployment mechanism is robust and reliable, ensuring successful unfurling in the harsh space environment. These reflectors are a critical component of our Ka-band satellite systems, providing the high-performance communication capabilities needed for modern satellite applications.