SERIES 107
# FLEXIBLE BRAIDED STRAPS
FOR SPACECRAFT AND LAUNCH APPLICATIONS

## Flexible braided straps for EMI noise supression, equipotential bonding, and fault grounding in spacecraft applications

Glenair flexible braided straps are critical components in space applications. They are used to establish reliable ground path connections, and prevent the build-up of electrostatic discharge resulting from space plasma and solar activity.

Glenair supplies a complete range of lugged flexible braided bonding and grounding solutions with lightweight ArmorLite microfilament material as well as low-resistance plated copper. In addition to high-availability catalog designs, we are also able to supply custom solutions in virtually any form factor, wire gauge, amperage, resistance, and mounting-lug configuration.

Glenair's lightweight flexible ground straps and ESB (Electrostatic Bonding) straps are mission-critical components in spacecraft electrical grounding and ESD control systems. Constructed from conventional braided conductive materials such as silver-plated copper as well as lightweight microfilament materials, these straps are engineered and qualified for use in space environments, including Low Earth Orbit (LEO), where spacecraft are particularly vulnerable to electrostatic charging and internal fault currents.

### PRODUCT LINE OFFERINGS

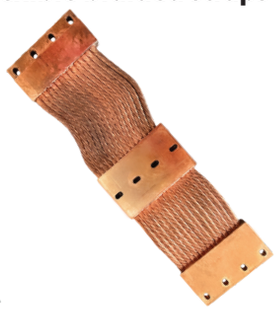
- **Durable, low-resistance ground straps with highly conductive or dissipative performance**
- **Lightweight, low-resistance flexible bond straps for ESD dissipation**
- **Glenair signature and comparable industry-standard designs**
- **Special heat-dissipation custom configuration flexible braided straps**

**Ultra flexible, lightweight ArmorLite microfilament ground straps and bonds**

**Flat and round cross-section straps, plus wire rope jumpers**

**Single or multiple grounding points on lugs**

**Higher current carrying capacity ground straps with multiple layers**



**Custom thermal dissipation strap (consult factory)**