

Custom Sliprings



Slip Rings Optimized for Any Application

Size constraints, number of electrical channels, torque and other specifications are considered for each slip ring or rotary joint application. While a variety of COTS (commercial-off-the-shelf) options exist, sometimes an application will require a custom solution.

Fortunately, 'custom' doesn't need to be synonymous with long lead times, NRE and high costs. Everight partners with world class manufacturers who are agile enough to provide slip rings that can be optimized, whether it be a single unit or for OEM production. Examples include:

- **Packaging equipment**
- **Gimbals (radar, LIDAR, EO/IR)**
- **Articulated robotic arms**
- **UGV's, UAV's**
- **Rotating platforms**



Real World Performance

Custom slip rings include only the features needed, e.g., special bore sizes, extra circuits, or unique connector types, ensuring optimum performance. They can incorporate advanced elements like encoders, built-in heaters, EMI shielding, and mixed-signal contacts.

Environmental Sealing and Durability

Custom slip rings can incorporate O-ring seals, purged housings, or special lubricants to handle vacuum, salt spray, extreme temperatures, or biohazards.

Take Advantage of Existing Designs

By building off of existing COTS products and other previous custom designs, Everight can quickly offer quotes and proposals. As simple as a 12 way pancake joint to designs as complex as 215 contact supporting 10Nm, a variety of different starting points are possible.



NIST
800-171
Compliant

+1 856 727 9500

www.everight.com

