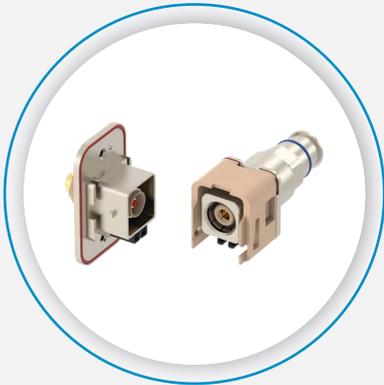


TARANIS™

The Smart Power Connector



Radiall's Taranis multiple shielded connector makes high-power connections in harsh environments simple. It's quick to install, easy to mate and ensures safe power interconnects for low-altitude applications.

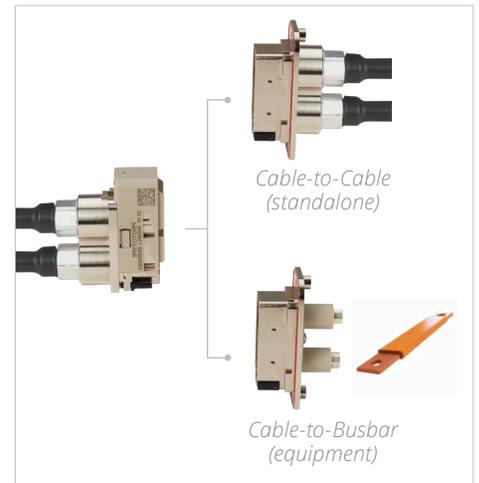
Taranis is designed for Urban Air Mobility (UAM) and eVTOL applications, as well as power generation, transformation, distribution and propulsion in harsh environments. Its versatile range includes straight and right-angle options for tight spaces and supports cable-to-cable or equipment-to-cable connections in multiple formats (1, 2 or 3 poles). With 100% 360° shielding and grounding continuity, Taranis ensures reliable, long-lasting performance with a partial discharge-free design.



2 CABLE EXIT CONFIGURATIONS



2 TYPE OF APPLICATIONS





High-voltage and high-power interconnections are critical. Taranis combines safety and durability with a toll-free design that simplifies use and enhances production efficiency.

- Interconnect solution for power generation, storage, transformation, distribution and propulsion
- User friendly tool-free instant latching solution
- Plug-and-play solution to reduce customer TCO
- Self-inspection with visible and tactile indicators reduces post-assembly checks
- No complex accessories needed for wiring
- Integrated full electrical line shielding and grounding
- Integrated electrical line and panel interface sealing
- High density with a rectangular design and compact locking system, plus a right-angle option for narrowest environments
- 3 sizes available (single pole, dual poles, triple poles) to meet AC and DC connection needs
- Available in Standalone (wire to wire) or Equipment (wire to busbar) type
- Compatible with AWG4 and AWG6

FEATURES & BENEFITS

- 100% 360° shielded lines
- Cable ground continuity to frame
- Operating range: 900 V / 115 A at 25,000 feet
- Partial discharge: PDIV 1690 VDC / 1690 VAC at 25,000 feet
- Temperature range: -65 °C – 175 °C (150 °C max permanent)
- Vibration: 14.8 grms
- 500 mating/unmating cycles
- IP67 altitude immersion 25,000 feet

APPLICATIONS

- Battery connector
- Power transformation units
- Electric motors
- Power distribution to busbar and equipment
- UAM, eVTOL, heavy drones, small aircrafts
- Urban mobility
- Railway
- Defense
- Industrial & Entertainment