

MIL-AERO GRADE
LOUVERBAND
CONTACT-EQUIPPED
POWER CONNECTORS

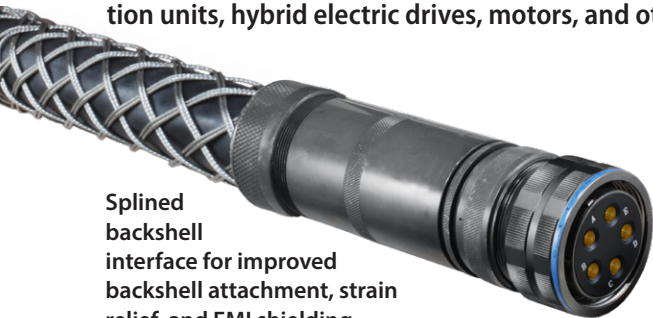


PowerTrip®
The power connector
for extreme
environments



Protect circuits with Series 970 PowerTrip® connectors

The George HW Bush, pictured above, is the first US Navy surface ship to use the Series 970 PowerTrip® connector. Series 970 connectors fill the need for a military-grade harsh environment power connector with improved mechanical, environmental and electrical performance. PowerTrip® delivers reduced size and weight compared to lower-density 5015 type power connectors. Featuring triple-start mating threads, crimp rear-release contacts, IP68 environmental sealing, and improved EMI protection, PowerTrip® is ideal for power distribution units, hybrid electric drives, motors, and other high current applications.



Splined
backshell
interface for improved
backshell attachment, strain
relief, and EMI shielding.



Keyed receptacle with superior
sealing and EMI shielding

- Fast, easy mating with triple-start ACME thread: 360° turn for full mating
- Reduced size and weight compared to conventional industrial and/or aerospace solutions
- LouverBand sockets for improved current ratings; up to 2000 mating cycles
- Ratcheting coupling nut for secure mating and high vibration resistance
- Operating temperature -65° C to +200° C
- IP68+ environmental sealing, 6 ft. for 48 hrs.