

Deep Water

INTERCONNECTS



Overmolded and PBOF configurations



# HIGH-PRESSURE Deep-Water Connectors, Cables, and PBOF Assemblies for all Classes of ROVs and Subsea- Floor Factory Electronics

Connectors and cables suited for deep water offshore oil & gas, military/defense, oceanographic research, and other harsh-environment subsea applications must be built for optimal durability and reliability. Current industry requirements call for solutions tested to 15,000 PSI (open face and mated), and equipped with integrated dual O-ring seals, marine bronze coupling nuts, corrosion-resistant stainless steel or composite thermoplastic shells and high-pressure contact inserts with gold-plated signal contacts, RF, fiber optic, and high-speed datalink solutions. Glenair is able to offer our deep-water interconnect customers solutions that not only incorporate best practices from the Oil & Gas industry, but also unique value-added design elements drawn from our many decades of work in military/defense and aerospace.

## MARKET REQUIREMENTS

- 10ksi working pressure and 15ksi test pressure on all designs
- Glass-to-metal sealed BCR and FCR inserts
- Dual O-rings on all critical leak paths
- Overmolded cable and PBOF solutions
- Elimination of galvanic corrosion and cathodic delamination
- Highest density, smallest form-factor possible
- Signal, power, RF and optical insert arrangements
- Full-mate inspection ports
- Easy O-ring replacement
- Key and keyway polarization

## 10K PSI Deep-Water High-Pressure Connectors, Cables, and PBOF Assemblies



### PROVEN DEEP-WATER PERFORMANCE

Inspection-Class ROVs

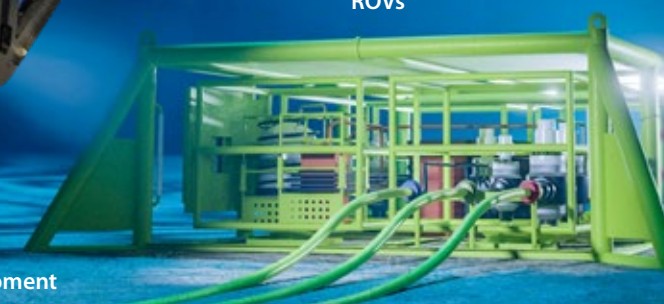


Work-Class ROVs



Resident-Class ROVs

Subsea Floor  
Oil & Gas Production Equipment



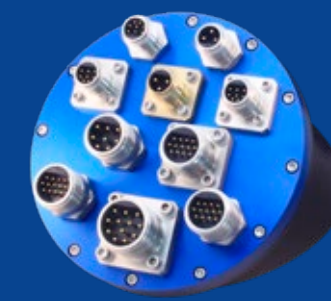
### DEEP-WATER SUBSEA, HIGH-PRESSURE 10K PSI / 700 BAR / 7000M CONNECTORS



SeaKing 700™ 10K PSI subsea connectors and cables



SeaKing Junior high-density small form-factor subsea connector



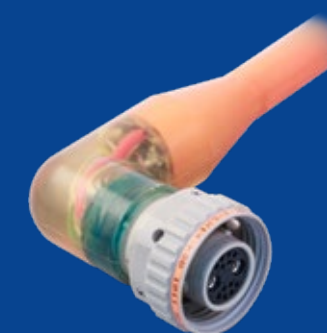
SuperG55™ dry-mate 10K PSI subsea electrical connectors



SeaKing Power™ API-compliant 5kV high-power subsea connectors



SeaKing™ Fiber Optic high-pressure open-face singlemode connectors and cables



SeaKing PEEK™ for long-exposure underwater applications