

## MIL-SPEC CONNECTORS

### MIL-C-24231

SEACON Phoenix is a US Navy qualified source of MIL-C-24231 connectors. These rugged, dry mateable electrical connectors are designed for the harsh environment of a submarine, but can be used in any marine environment where performance is crucial.

#### KEY FEATURES

- Various configurations from 3 to 80 contacts.
- 8 to 15 amps.
- 2,000 psi rated.
- Polyurethane molded insert plugs.
- Receptacle inserts molded from high impact epoxy.
- Nickel copper and nickel copper aluminum body.
- Nickel aluminum bronze coupling rings.
- GRE (Glass Reinforced Epoxy) bands and non-conductive ceramic coatings available to help eliminate cathodic delamination.



### MIL-C-24217

SEACON Phoenix's glass to metal seal technology is incorporated in our line of MIL-C-24217 connectors. This series is widely used for deep submergence applications and is manufactured and tested to the strict requirements of the Navy MIL-C-24217.

#### KEY FEATURES

- Contact configurations from single coaxial to 48 contacts with 16 AWG conductors.
- 6 to 100 amps.
- 316 stainless steel body.
- Straight and right angle plugs available.
- Wide variety of receptacles including: welded type, flange-welded, inline, mid flange bolted, end flange bolted and locknut flange bolted.
- Up to 10,000 psi open face capability.



## FIBER OPTIC CONNECTORS AND CABLE ASSEMBLIES

SEACON Phoenix's fiber optic connectors and cable assemblies are designed to deliver data in the harshest of environments. Adhering to the strictest military and commercial standards SEACON Phoenix fiber optics are a reliable source to provide increased bandwidth where it is needed most!

#### KEY FEATURES

- Single-mode (8.3/125) and multi-mode (62.5/125, 50/125, 10 Gig).
- Multi channel connectors.
- Low insertion and return loss.
- Custom designs for specific requirements.
- Polyurethane molded boots and breakouts.

