SUBSEA / DEEPWATER: SUPERG55™

SUPERG55™ PRESSURE-BALANCED OIL-FILLED CABLE CONNECTOR PLUG (CCP)

SUPERG55™ FLANGE CONNECTOR RECEPTACLE (FCR)

### Key mechanical and environmental features

**SUPERG55™ High-Pressure, Dry-Mate Subsea Connectors**

**Performance Specifications**

| Mating Cycles | 500 |
| Pressure       | 689 Bar (10,000 PSI) Mated and Un-mated |
| Operating Temperature | -20°C to +90°C |
| Voltage Rating | 600 VDC / 440 VAC |
| Current (max.) | 5 to 18 Amps (dependant on contact and cable conductor sizes) |

**Material/Finish**

- **Shells**: 316L Stainless Steel/Passivated
- **Insulator**: PEEK/NA
- **Insert**: Neoprene/NA
- **Contacts**: Copper Alloy/Gold Plated
- **O-rings**: Nitrile/NA
- **Overmold and Cable**: Polyurethane or Neoprene/NA
- **Coupling Nut**: 316L Stainless Steel/Protective Coating Blue
- **Bulkhead**: PTFE Insulated 16 AWG Wire/NA
- **Cable**: Polyurethane or Neoprene Jacketed/NA

**NON-STANDARD MATERIALS**: Other material options are available as part of our non-catalog offerings including Anodized aluminium, Titanium, and Aluminium Bronze. Glenair is also able to supply SuperG55™ interconnects in composite thermoplastic (PEEK) to meet application requirements for reduced cathodic corrosion as well as weight reduction without affecting connector performance.

**HIGH-SPEED ETHERNET**: The SuperG55™ Ethernet option is available in the 1508, 2013 and 2021 contact configurations and provides both high speed (Up to 1GB) and power (600Volts) in a full subsea environment (10,000PSI). Gigabit speed data transfer up to a distance of 75mtrs.