

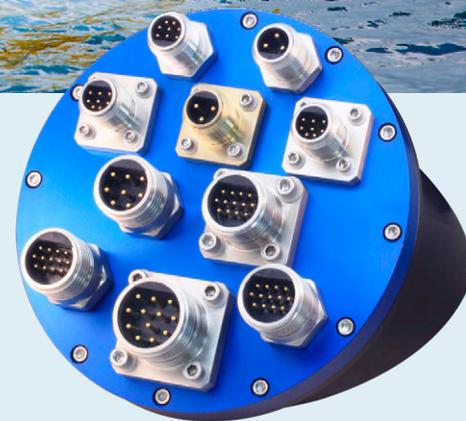


## MISSION-CRITICAL UNDERWATER INTERCONNECT SOLUTIONS

Most aggressive lead times in the industry • Vertically integrated and made in the USA  
Custom solutions, no minimum order quantities

Accessible and responsive engineering support • Obsessed with quality and qualification

Superior technical designs for extended durability and performance



High-pressure open face bulkhead (BCR)  
and flange receptacles (FCR)

# SuperG55 Underwater 10K PSI

## Improved-performance “55” series intermateable

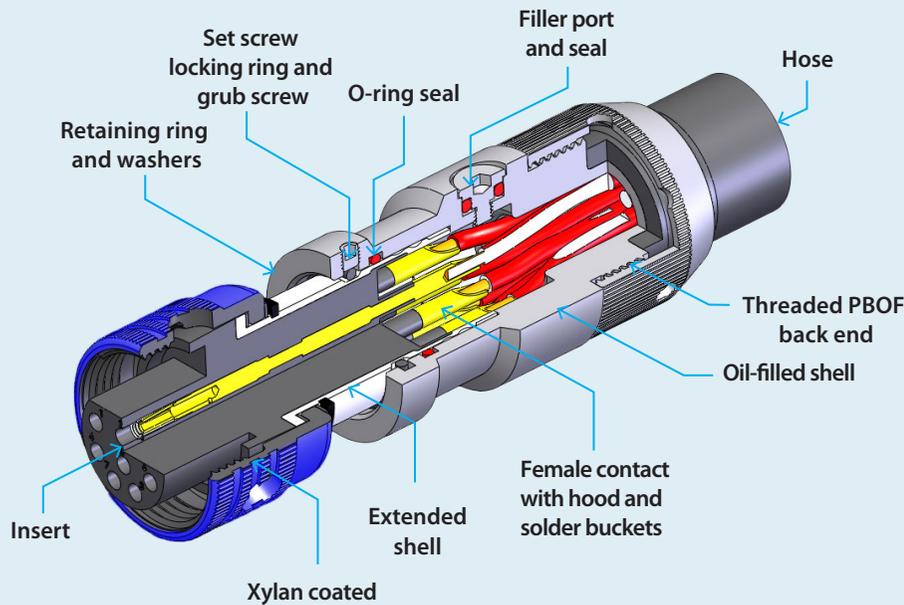
- 10,000 psi mated/unmated (approx. 22,500ft/7,000m)
- Recessed socket contacts in plugs for electrical safety
- Intermateable and intermountable with other “55” series connectors
- 4 shell sizes — 15, 20, 24 and 32 with 3 to 39 contacts
- PBOF versions available
- 600 VDC, 5 to 18 Amps (dependent on cable and conductor size and make-up)

# 10K PSI / 700 BAR / 7000M SuperG55™ High-Pressure, Dry-Mate Underwater Connectors



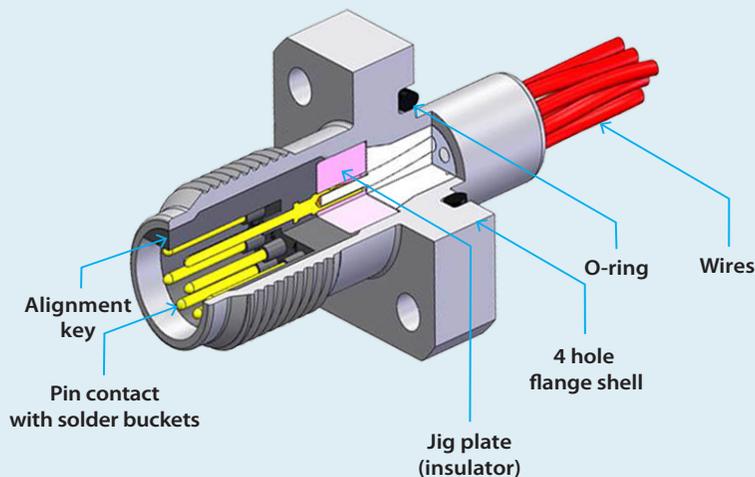
## Key mechanical and environmental features

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



SuperG55™ 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)

### SUPERG55™ FLANGE CONNECTOR RECEPTACLE (FCR)



SuperG55™ 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 Receptacle Tails	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 aluminum, titanium, and aluminum 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 (600 Volts) in a full subsea environment (10,000 PSI). Gigabit speed data transfer up to a distance of 75mtrs.

Material Finish Codes			
Code	Material/Finish	Code	Material/Finish
	Anodized Aluminum	PK	Composite Thermoplastic (PEEK)
NAB2	Aluminum Bronze	B	Brass
T	Titanium	Alternative materials available, contact factory	