



## Product Features

- Marine Grade Alloy 316 Stainless Steel machined Shells
- Lockmith Keying Polarization
- Full Line of Accessories:  
Backshells, Protective Covers and Molding Adapters

## Background

Glenair's Geo-Marine® Series 22 product offering is a **third generation** product development. Having started in the harsh environment and Geo-Marine applications since the early 1970's with its "G" and "GL" series, Glenair continued to develop products meeting the increasing and stringent requirements associated with these markets. In doing so, the products became a favorite with the military, especially the US Navy and manufacturers of oil patch equipment.

## Applications

Designed for use in oceanographic, geophysical and other severe commercial/industrial environments, Glenair's line of Geo-Marine® Series 22 Connectors and Cables are designed to withstand hydrostatic pressures up to 5,000 PSI and exposure to extreme temperatures and corrosives.

Our Geo-Marine® products are used in numerous applications, such as US Navy towed array sonar systems, military land vehicles, submersibles and ROV's, offshore oil drilling equipment, seabed exploration, hazardous areas, pipeline inspection systems, well monitoring equipment, and digital seismic streamers.

## Benefits

Utilizing Marine Grade Alloy 316 stainless steel, and insulators made from fused glass for the "H" hermetic class, Glenair offers rugged corrosion resistant Geo-Marine® connectors. The products are available as separate interconnects or may be incorporated into custom cable assemblies. Additionally, for varying applications where solvents, oils, hydraulic fluids, etc., are not compatible with the rubber materials offered as the standard, Glenair can offer alternate rubber options to meet the most severe requirements.

## Receptacles

Receptacles in "H" hermetic class are available in a wide choice of shell styles and insert arrangements. These connectors are designed to mate with the proper corresponding plug, offering an ideally pressure sealed interconnect. This is achieved by the more positive "O" ring piston seal located inside the receptacle barrel-interfacing on the OD of the plug barrel with the added sealing of the plug's seals as previously noted.

The full-spectrum product line also includes **Bulkhead Feedthrough Connectors, Connector Savers** and a complete choice of **Connector Accessories** to satisfy various cable or wire bundle terminations requirements.

Metric dimensions (mm) are indicated in parentheses