

## SERIES 22 5000M / 5000 PSI Shallow Water Application

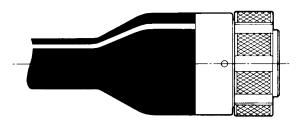


## **Custom Overmolded Geo-Marine® Cable Assemblies**

All Series 22 connectors can be supplied complete with molded cable terminations or open wire bundles to meet specific application requirements. **Custom Overmolded Cable Assemblies**, built in our tightly controlled, 100% inspection and test facilities, are a turnkey solution to the complex requirements of harsh environment interconnect systems.

Glenair offers users of Series 22 Geo-Marine® connectors a complete custom cabling service, designing and producing cable assemblies or harnesses to meet the user's specific application requirements.

Glenair has over 30 years experience and expertise in designing and producing cable assemblies to meet many unique environmental conditions, supported by test facilities to provide the user with proven reliability and performance.



**CABLE PLUG WITH MOLDED CABLE** 

Molded connector-to-cable terminations are the common application for Series 22 connectors, with materials and compounds available to satisfy the most stringent application. Typical molding and cable jacketing materials include:

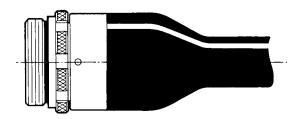
- Neoprene
- Polyurethane
- Viton

Conductor insulation on wire is selected for compatability with the molding and jacket materials for optimum performance and cost-effectiveness.

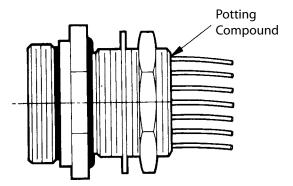
Additional custom features include items such as EMI shielding, Kevlar stress members, multiple breakouts, as well as open wire bundles or "pigtails" which are terminated with a non-hydroscopic potting compound.

Special molded shapes are available to accommodate unusual space limitations or cable routing.

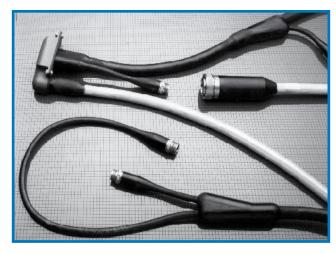
Contact Glenair's ABC Division for further information on complete cable assemblies using the Series 22 Geo-Marine®connectors.



CABLE RECEPTACLE WITH MOLDED CABLE



**BULKHEAD RECEPTACLE WITH PIGTAILS** 



Depicted here is a typical cable assembly designed to withstand pressure to 5000 PSI. Glenair's standard molding material is solvent and oil resistant neoprene per MIL-S-6855 molded to neoprene jacketed cable containing either rubber or fluoropolymer insulated, fine stranded, copper conductors. Special molded shapes and cable configurations are available per customer requirements.



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## **Custom Overmolded Geo-Marine® Cable Assemblies - Application Worksheet**

Glenair specializes in the manufacture of fast-turnaround cable assemblies, and our ability to rapidly respond to requests for our unique, overmolded Geo-Marine® Cables is well known throughout the industry. For a fast quote on your next point-to-point cable, just photocopy this page and fax or mail the completed form to your local Glenair representative, or directly to the Glenair factory. For multi-branch cables, or more complex assemblies, please call the factory to speak directly with an application engineer, or submit your drawing via fax or E-mail.

Originator Contact Information  Contact Name and Title	
Company Name/Division	
Street Address	
City and State/Province	
Country and Postal Code/Zip	
Telephone Fax	
Name of Project or Program	
Initial Quantity Required Delivery Date	Potential Long-Term Quantity
A  Length:  Wire Gauge: □12 □16 □20 □22 Kevlar Strength Members: □Yes □No  Overmolding Material Type: □Neoprene □Viton □Polyurethane  in/Copper EMI Shielding: □None □Single Overall Shield □Double Overall Other: Consult Factory	
Connector B:	Connector B:
Gender:	Gender:
Marking Instructions:	Marking Instructions: