



SERIES 22 5000M / 5000 PSI Shallow Water Application

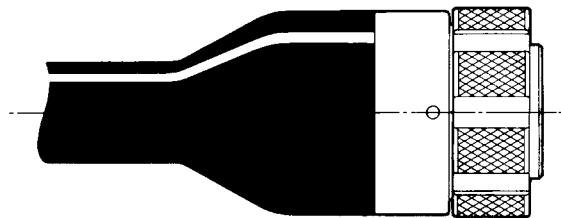


Custom Overmolded Geo-Marine® Cable Assemblies

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:

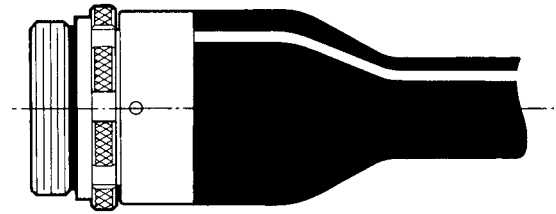
- Neoprene
- Polyurethane
- Viton

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

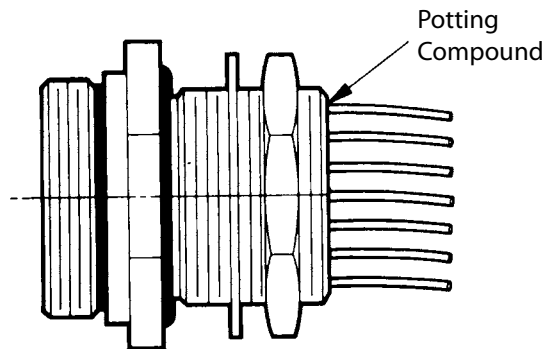
Additional custom features include items such as EMI shielding, Kevlar stress members, multiple breakouts, as well as open wire bundles or "pigtailed" which are terminated with a non-hydroscopic potting compound.

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

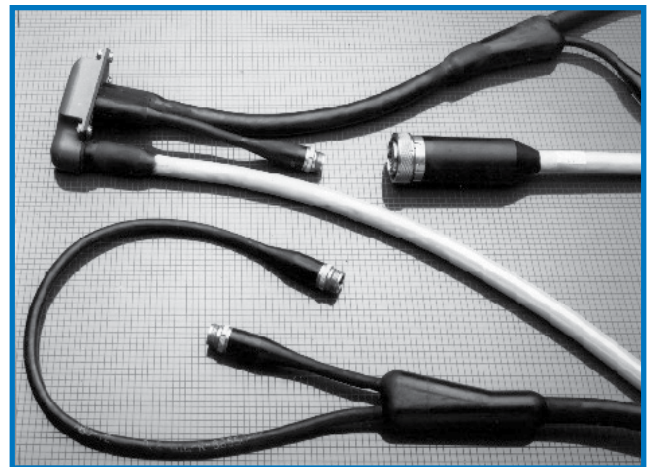
Contact Glenair's ABC Division for further information on complete cable assemblies using the Series 22 Geo-Marine® connectors.



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.

SUBSEA/SHALLOW WATER: GEO-MARINE®





SERIES 22 5000M / 5000 PSI Shallow Water Application



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 _____

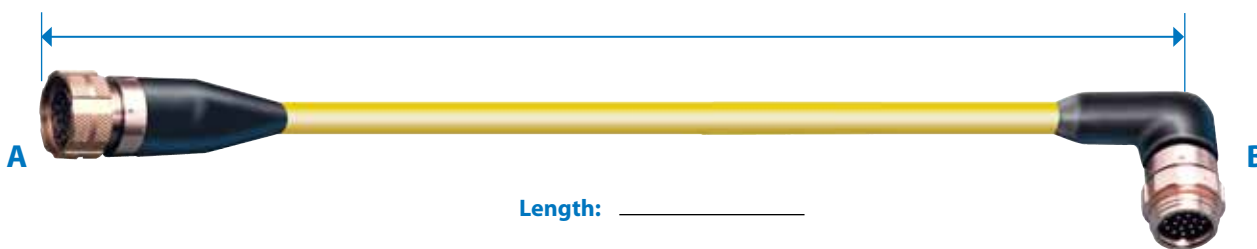
City and State/Province _____

Country and Postal Code/Zip _____

Telephone _____ Fax _____ Email _____

Name of Project or Program _____ Description _____

Initial Quantity _____ Required Delivery Date _____ Potential Long-Term Quantity _____



Wire Gauge: 12 16 20 22 **Kevlar Strength Members:** Yes No

Overmolding Material Type: Neoprene Viton Polyurethane

Tin/Copper EMI Shielding: None Single Overall Shield Double Overall **Other:** Consult Factory

Connector B:

Gender: Pin Socket
Type: 06 16 01 11
Class: Environmental Hermetic
Polarization: N 1 2
 3 4

Shell Size and Contact Arrangements:
 _____ - _____ (See Section A)

Cable Exit Angle: Straight 45° 90°

Dust Cover: Yes No

Marking Instructions: _____

Connector B:

Gender: Pin Socket
Type: 06 16 01 11
Class: Environmental Hermetic
Polarization: N 1 2
 3 4

Shell Size and Contact Arrangements:
 _____ - _____ (See Section A)

Cable Exit Angle: Straight 45° 90°

Dust Cover: Yes No

Marking Instructions: _____

SUBSEA/SHALLOW WATER: GEO-MARINE®

