

SINCE 1969,
**SOLUTIONS FOR
UNDERWATER CABLES**

**PMI Innovation meets the challenges of
the industries we serve.**

Companies around the world trust PMI to engineer one-of-a-kind solutions to solve one-of-a-kind problems.

Offshore Seismic Survey / Oil & Gas
Exploration
Defense / Surveillance
Ocean Equipment, Monitoring & Fisheries
Cable Installation
ROVs / Vessels/ Workboats



*Ask us to help you solve your underwater
tension member application problems.*

PMI
UNDERWATER CABLE SOLUTIONS

*You've got a lot of ocean in front of you.
You need PMI behind you.*



A TRADITION OF EXCELLENCE

PMI Terminations and Protection Products

PMI products are for use on mechanical, electro-mechanical and electro-mechanical-optical cable and other strength members.

- Field installable designs that require no special tools or are tool-less designs
- Develop of full cable break strength
- Wrap on design— helical gripping technology
- Mid-span applicable— no need for access to cable end
- Bending strain relief protection from off-axis loading & fatigue
- Cable abrasion and rotation protection
- Electrical cable splice technology for full ocean depth

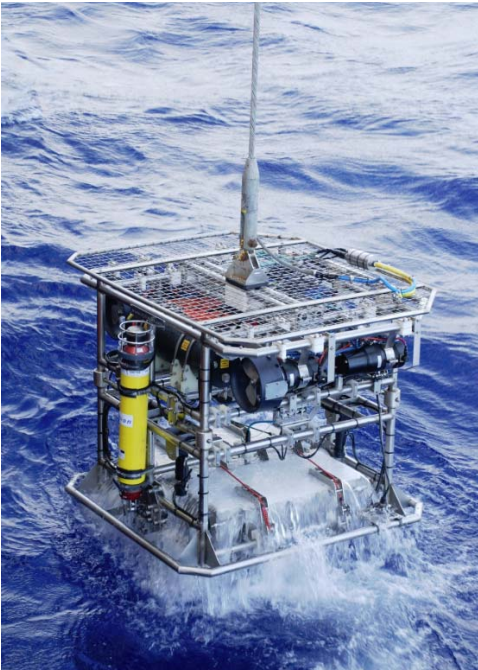
EVERGRIP™ Termination

CABLE-GRIP™ / STOPPER-GRIP™ Termination

DYNA-HANGER™ Suspension System

EVERFLEX™ Bending Strain Relief

DAM/BLOK™ Electrical Splice Kit



PMI is a long-time supplier of cable hardware, protection products, cable systems and value-added services for major defense programs, research endeavors, and commercial applications.

Concept - Design - Production - Testing

We specialize in solving the problems which limit the survivability of underwater cable systems. Though designed specifically to customer requirements, proven design features and assembly techniques are implemented into our cable systems. Thus, the customer receives a completely assembled and tested system— assuring success at sea.

Mechanical terminations— develop full break strength of the cable strength members while implementing the helical gripping principle

Electrical connectors— meet customer interface specifications

Redundant sealing— prevent water intrusion to the electrical splice and connector components through isostatic sealing

Bending strain relief devices— protect the cable at the critical tow point and array end terminations and isolation of electrical core

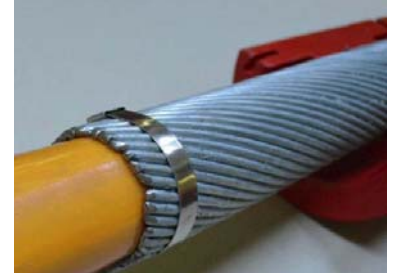
Design verification testing— all cable assemblies are proof loaded, pressure tested and electrically checked before delivery

Work directly with our engineering team

Our goal is to deliver a product that assures ease of installation, provides a long service life, reduces lead time and survives in harsh environments.

- Comprehensive Engineering
- Design & Analysis including Mechanical, Electrical, Optical & Fluid Power Experience Component Fabrication Quality Assurance
- Engineering drawings are SolidWorks based IAW MIL-T-31000

Experienced technicians fabricate, assemble and repair operational cable systems for all types of underwater applications. Manufacturing activities are governed by an established quality assurance program that dictate PMI's quality control methodology from parts procurement through material review board action and final acceptance.



PMI emerged in the underwater market by introducing the helical wire concept for use on underwater cables and that led to development of our standard line of products. As we continued to develop underwater cable terminations, we earned a reputation for manufacturing highly reliable underwater cable assemblies. Today, PMI continues to provide solutions for underwater cables.

Engineered Subsea Cable Systems

Our insight of cable products and cable systems, provides solutions for a multitude of cable applications

- Surface Towed Arrays
- Deep Towed Instruments
- Cast and Dipped Applications
- Moored Cable Systems
- Bottom Fixed Cables
- Full-Strength Electrical-Optical-Mechanical Terminations
- Cable Systems for Towed Arrays
- Articulated Dual-Density Tow Cable Joints & Terminations
- Breakaway Terminations
- Small Profile Termination; same as Cable Diameter
- Terminations for Cables with Synthetic Fiber Strength Members
- Buoy Mooring Cables

Technical Support

Our professional & experienced staff is available to trouble-shoot while you are in the field. We also can come to directly to your project site.

- Video conferences / e-Meetings
- Available 7 days / week
- Competitive day rates



Testing to assure success at-sea

Our independent testing facility provides at-sea simulation. We strive to provide insight with respect to the interaction between the strength member and attached hardware or cable assembly.

- Raw Cable (Metallic & Synthetic Strength Members)
- Rope & Hose Assemblies Cable Assemblies
- Cable Hardware, Terminations and devices

Standard Tests include

- Tensile, Bending, Environmental, Measurement & Analysis
- Electrical, Mechanical & Optical Tests
- Cable, Rope & Hose Assemblies
- Cable Hardware & Termination Devices
- Raw Cable Testing
- Design Verification & Acceptance Testing



Dedicated to Quality

Quality inspections are performed to commercial and military standards. We are dedicated to providing high quality products and services that ultimately make the difference between early failure and long-term survivability.



*You've got a lot of Ocean in front of you.
You need PMI behind you.*

THE PMI DIFFERENCE IS SURVIVABILITY

OUR EXPERIENCE.

Since 1969, PMI Industries, Inc. has designed, manufactured and tested innovative products for solving underwater cable & wire rope application problems. This experience has allowed us to develop a proven line of cable hardware kits, design and manufacture numerous custom cable systems and build an in house dynamic cable testing capability.

OUR CUSTOMERS.

PMI provides products and services to customers globally. We interface closely with the scientific and engineering community of government, commercial companies working in the ocean and educational & research institutions who endeavor to explore marine frontiers.

OUR COMMITMENT.

To provide the military, commercial and scientific community with the most robust cable systems and hardware available. This robust factor is Survivability; a single word that describes the extra effort PMI Industries, Inc. puts into cable system design.

PMI Industries, Inc.

5300 St. Clair Avenue
Cleveland, Ohio 44103 USA

+1 216 881 4914
sales@pmiind.com

www.pmiind.com