PRODUCTS, SYSTEMS & TESTING

FOR UNDERWATER CABLE APPLICATIONS SINCE 1969

Tough & Rugged Cable Hardware for E-O-M cable, wire rope and hoses.

PMI emerged in the underwater market by introducing the helical wire concept for use on underwater cables, in 1969.

PMI products offer significant benefits:

- Field Installable
- Helical gripping technology.
- Hardware kits for electrical, mechanical & optical cables
- Bending, abrasion and anti-rotation protection
- Retermination Kits available
- Off-the-shelf inventory is maintained
- Ability to be modified to meet application requirement
- Custom designed

As we continued to develop underwater cable hardware, we earned a reputation for manufacturing highly reliable underwater cable systems and assemblies.

Field Installable Terminations

CABLE-GRIP™ / STOPPER-GRIP™ Terminations for use on E/O/M cable or wire rope, can generate the full rated breaking strength of the cable.

EVERGRIP™ Termination is a full-strength field-installable cable termination on E-O-M cable and wire rope. Helical rods provide an added degree of bending strain relief protection where the cable leaves the termination.

Mid-Span Suspension Protection System

DYNA-HANGER II™ the tool-free design allows for installation anywhere along the cable and unlimited attachment possibilities. Multiple-degrees of freedom allow spreader rope loads to pass through with minimal effect on the lead-in cable. DYNA BSR™ is a two-piece Bending Strain Relief that installs mid-span on the cable in minutes. Combine with DHSS™ II for ultimate bend protection.

Bending & Abrasion Protection

EVERFLEX™ Bending Strain Relief has a composite design of poly-urethane and helical steel rods provides graduated stiffness to protect the tensioned cable.

When attached to the EVERGRIP™ Termination additional bend protection is provided. PMI Helical Armor Rods protect against chafing and localized bending These wrap-on rods can be applied anywhere along the cable.

Cable & Connector Splice Kits

DAM/BLOK™ Electrical Splice Kit this is a full-ocean depth splice that prevents leak water present in the cable or seawater outside the cable from passing through the splice to the electrical connection.

PMI
UNDERWATER CABLE SOLUTIONS

Reliable & Survivable Cable Systems.

PMI is a supplier of cable systems for defense, research and commercial applications. All designs are in accordance with customer requirements, as well as, employs proven design features and assembly techniques.

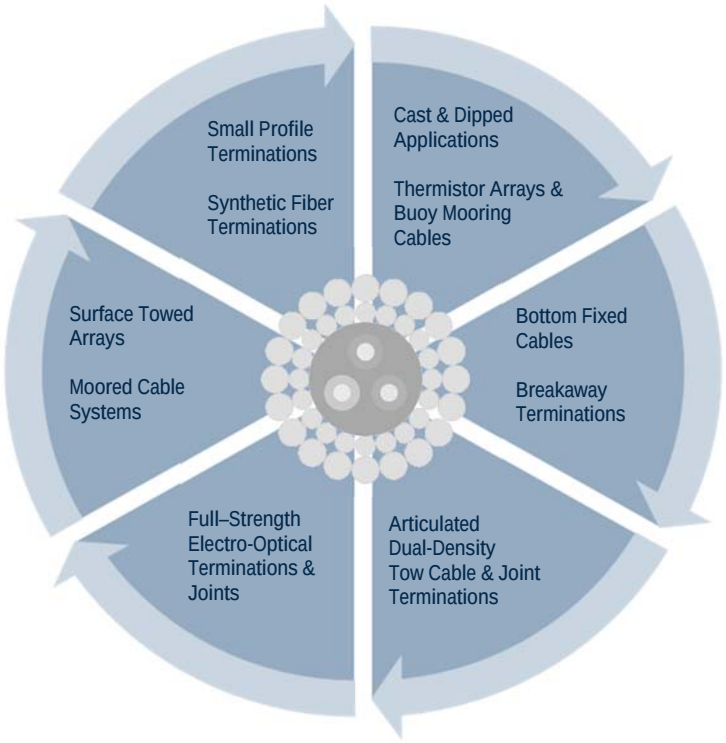
Mechanical Terminations- Develop full break strength of the cable strength members using Helical Gripping principle or terminating the strength members (metallic or synthetic).

Electrical/Optical Connections- Designed to meet customer interface specifications and integrate with mechanical termination.

Redundant Sealing Techniques- Isostatic sealing for water-tight integrity to prevent water intrusion to the electrical/optical splice and connector components.

Bending Strain Relief Devices- Protect the cable at the critical tow point and array end terminations and isolate electrical core from strain.

Of the multitude of cable systems we have fabricated, we believe by continued implementation of proven technologies and innovation, we will continue to provide successful and survivable solution.



Work directly with the PMI team.

Mechanical, Electrical, Optical & Fluid Power experience

3D CAD (SolidWorks) drawings

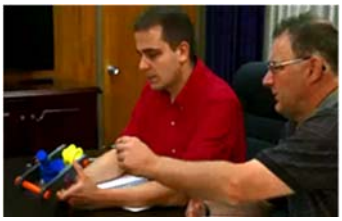
Document Control & Configuration

Management systems in place

MIL-T-31000 & engineering support software (FEA, Simulation)

All work at PMI conforms to ISO-9001:2008

Measurement & Test Equipment (M&TE) calibrated & controlled to ISO-9001:2008



Independent Testing Services.

We will test all or any part of your project.
Raw Cable (Metallic & Synthetic Strength Members)
Rope & Hose, Cable Assemblies
Cable Hardware, Terminations & Devices

Our equipment simulates at-sea environmental conditions and can be uniquely tailored to meet your needs.

Tension & Cyclic Tension
Servo-Controlled Tension
Long Span Proof Load
Hydrostatic Pressure
Bend Over Sheave
Cyclic Flexure
Reverse Bend Over Sheaves
Torque & Rotation
Induced Torque / Rotation
Electrical Characteristics
Optical Characteristics
Failure Analysis

We welcome you to visit PMI and witness your test program.

PMI Industries, Inc.

5300 St. Clair Avenue

Cleveland, Ohio 44103 USA

+1 216 881 4914

sales@pmiind.com

PMI™
UNDERWATER CABLE SOLUTIONS