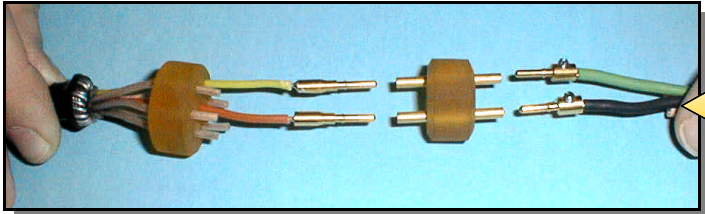


DAM/BLOK-QP™

FULL-PRESSURE ELECTRICAL SPLICE

WITH QWIK-PIN™ WATERBLOCK CONTACTS

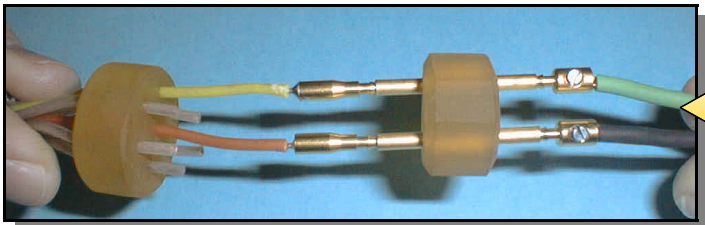
Unique Rapid Connection System for PMI's DAM/BLOK™ Splice Kit



SOLDER STYLE & SOLDERLESS
QWIK-PIN™ MALE CONTACTS
ATTACH QUICKLY TO EACH CONDUCTOR



BLIND SOCKET QWIK-PIN™ CONTACTS,
PRE-ASSEMBLED IN PMI PIN DAM,
QUICKLY CONNECT ALL CIRCUITS

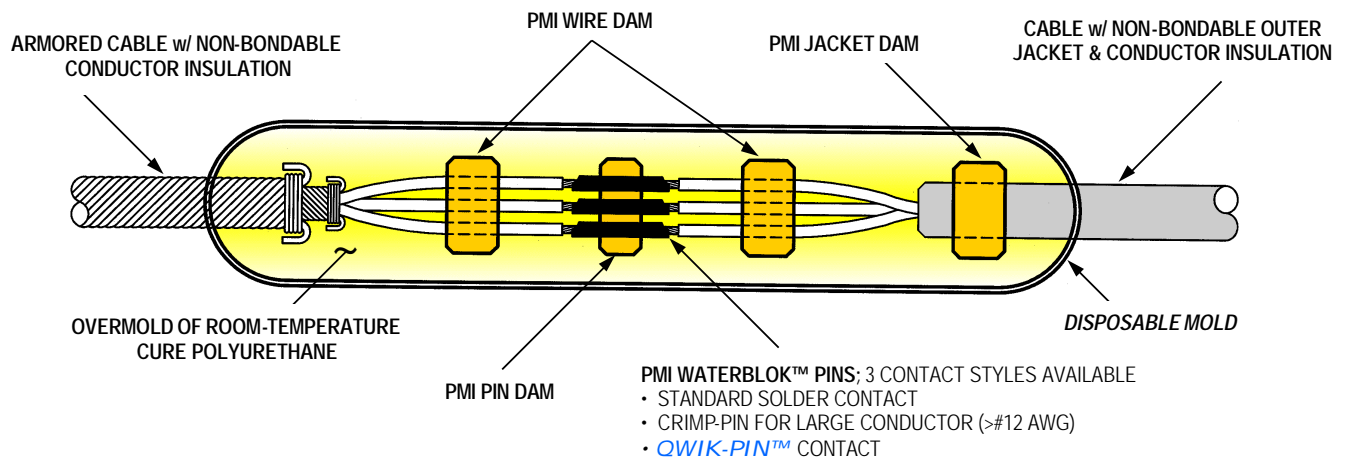


COMPLETED QWIK-PIN™ WATERBLOCK
CONTACTS READY FOR ENCAPSULATION

FEATURES

- WaterBlok™ Pins with Double-Ended Sockets Prevent Water Migration
- Option to PMI's Standard DAM/BLOK™ Waterblock Pin
- Highest Quality Electrical Contacts of Hard Gold Plated Brass
- Pre-Assembled in PMI Pin Dam to Save Time & Effort
- Multiple Louvered Contact Interface for Optimum Performance
- Solder-style or Solderless Screw-on style Pin Contacts
- Accepts Electrical Conductors up to #13 AWG (2.5 mm²)
- Quickly Verify Splice & Re-Configure Without Rework

PMI DAM/BLOK™ Watertight Electrical Splice Kit



YOUR PROBLEM

Achieving a reliable, watertight connection between dissimilar underwater cables containing various electrical conductors with extruded insulations that may or may not be bondable to readily available encapsulants - without the luxury of injection molding.

OUR SOLUTION

PMI's DAMBLOK™ Electrical Splice uses a combination of mechanical seals, chemical bonds, and positive waterblocking to produce a reliable, full-pressure connection capable of surviving even the toughest of marine cable applications - yours! Each DAM/BLOK™ Splice is custom-fitted to your cables for an engineered solution that arrives in *kit* form - with job-specific instructions - ready for on-site installation.

PROVEN PERFORMANCE

The sealing techniques used in the PMI DAM/BLOK™ Electrical Splice have proven successful over the last twenty years on thousands of conductors in both factory and field assembled cable systems. DAM/BLOK™ Compression Dams have been tested in PMI's laboratory in excess of 10,000-psig. Their reliability has been proven in cable assemblies used worldwide by the U.S. Government, the offshore oil industry, and the oceanographic research industry.

HOW IT WORKS

PMI produces precision polyurethane compression dams sized to provide a specific mechanical interference to the smooth outer diameter of each non-bondable element (i.e., conductor insulation, splice pin, core sheath, or outer jacket). Once installed and encapsulated in the room-temperature cured polyurethane (provided with each PMI kit), the radial squeeze resulting from the Dam's built-in interference persists as the splice is submerged. In use, leakwater migrating along the non-bondable element is prevented from passing beneath the Dam due to the isostatic nature of the seal (same pressure exists on all sides of the seal, hence no driving force available to overcome the persisting interference). Additionally, leakwater is prevented from passing around the Dam due to a reliable chemical bond with the overmold (urethane-to-urethane). The DAM/BLOK™ Splice is inherently dynamic and responds to both temperature and pressure fluctuations without leakage.

YOUR SOLUTION : MAKE YOUR PROBLEM OUR PROBLEM!

Contact PMI for price & delivery of a DAM/BLOK™ Electrical Splice Kit for your specific splice application. For best results, please provide the following information:

- **Type of Splice Required:** Cable-Cable, Cable-Connector Pigtail, Cable-Connector Backshell, Y-Splice.
- **Cable Data:** Manufacturer's specification sheet, actual measurements, 6"-10" long sample (preferred).
- **Conductor Data:** Type & Manner to be spliced, Wire Size/Gage, and Insulation Type/Diameter.
- **Shielding/Grounding Requirements:** Armor wire ground, Shield Type/Gage, and Shield Use/Isolation.
- **Special Requirements:** Length/Diameter Constraints, Application/Use, New/Used/Repair, Environment.