

FIBER OPTIC SPLICE KIT ENCLOSURE

Fiber Optic Splice Kit for Specialty Applications

PRODUCT DESCRIPTION

PMI's Splice Kit Enclosure family of products are specialized to meet the application requirements of our customers. All designs allow for ease of installation anywhere along the cable to create a highly reliable, full ocean depth splice with multiple levels of sealing protection.

APPLICATIONS

- Standard and customizable fiber optic splice for a variety of applications. Paired with EVERFLEX™ Bending Strain Relief (BSR) or Armor Rods for the perfect, optical/mechanical termination.

FEATURES AND BENEFITS

- Split marine-grade, stainless steel enclosure for ease of handling and installation. Titanium, stainless steel, and Delrin® enclosures available upon request.
- Application of a BSR or Armor Rods to provide tailored bending and strain relief protection.
- Compression dams prevent leak water penetration along non-bondable surfaces.
- Fiber optics are spliced and set in 12-, 24-, or 48-capacity tray (other variations available upon request).
- Polyurethane fill encapsulates the entire interior of the enclosure.
- Isostatic nature of the seal (same pressure exists on all sides of the seal) prevents water migration.
- Note: Special designs including cables with conductors are also available upon request.



SPLICE KIT ENCLOSURE

Splice kit contains:

- Room-temperature cure polyurethane
- Splice tray
- Precision precast compression dams
- BSR or Armor Rods
- Marine-grade, stainless steel enclosure (Other materials available upon request)



Stainless steel splice kit enclosure with all polyurethane BSRs, transition boots, and splice tray shown.

ENGINEERED & TESTED TO CUSTOMER SPECIFICATIONS

| DASH# | APPROXIMATE CABLE DIAMETER RANGE | |
|-------|----------------------------------|-------------------|
| 1 | 4.93mm - 6.20mm | (0.194" - 0.244") |
| 2 | 6.22mm - 7.82mm | (0.245" - 0.308") |
| 3 | 7.85mm - 9.86mm | (0.309" - 0.388") |
| 4 | 9.88mm - 12.37mm | (0.389" - 0.487") |
| 5 | 12.40mm - 15.52mm | (0.488" - 0.611") |
| 6 | 15.54mm - 19.43mm | (0.612" - 0.765") |
| 7 | 19.46mm - 24.31mm | (0.766" - 0.957") |
| 8 | 24.33mm - 30.40mm | (0.958" - 1.197") |

ORDERING EXAMPLE FOR 0.825" RIGHT HAND LAY CABLE WITH ARMOR RODS

| 7- DASH # | PB- KIT STYLE | R LAY DIRECTION OF CABLE & RODS |
|--------------|--|------------------------------------|
| 1 to 8 | PB = All poly BSR SB = BSR with stiffener rods AR = Armor rods | Left, Right, or NA |

TECHNICAL SUPPORT

If you have questions about any PMI product, please contact our sales staff directly.
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