# Cable Splicing - ShakeN'Seal Resin Encapsulation Kits

**67020/67022**  **67024**  **67026/67028**

### 600 Volts or less

| Wire Type | Butt or Branch Splice Configuration | | | Through Splice Configuration | |
|---|---|---|---|---|---|
| | 67020 | 67022 | 67024 | 67024 | 67026 |
| | ES137S | ES200S | ES200SV | ES200SV | ES1150 |
| | No. of Conductors (Max.) | | | | |
| 18-16 | 10 | 20 | 14 | 14 | |
| 14-12 | 6 | 12 | 9 | 9 | |
| 10 | 4 | 8 | 6 | 6 | |
| 8 | 3 | 6 | 4 | 4 | 4 |
| 6 | 2 | 2 | 2 | 2 | 3 |
| 4 | 2 | 2 | 2 | 2 | 2 |
| 3 | 2 | 2 | 2 | 2 | 2 |
| 2 | 1 | 2 | 2 | 2 | 2 |
| 1 | 1 | 2 | 2 | 2 | 2 |
| 1/o | | | | 2 | 2 |
| 2/o | | | | 2 | 2 |
| 3/o | | | | 2 | 2 |
| 4/o | | | | 2 | 2 |

▶ Exothermic Encapsulating Resin Technology
▶ Submersible/Direct Burial Rated
▶ Permanent Watertight Seal Protects against Voltage Leakage, Cable Deterioration, & Cable Failure
▶ Fast Error-Proof Setup - Low-Viscosity Resin Compound Penetrates Completely Around Splice
▶ Fungus Resistant
▶ Rated for Use with Cable Rated to 90°C
▶ 600V
▶ UL 486D CSA 198.2 Listed
▶ 67028 not UL listed*
▶ Packed in Protective Foil Bags

| Cat. No. | Model No. | Wire Range | Splice Type | Voltage | Bag Qty | Case Qty |
|---|---|---|---|---|---|---|
| 67020 | ES137S | #18 - #1 | Butt/Branch | 600 | 1 | 50 |
| 67022 | ES200S | #18 - #1 | Butt/Branch | 600 | 1 | 30 |
| 67024 | ES200SV | #18 - 1, (#18 - 4/0) | Butt/Branch (In-Line) | 600 | 1 | 25 |
| 67026 | ES1150 | #8 - 4/0 | In-Line | 600 | 1 | 25 |
| 67028* | ES1250 | 1/0 - 750 | In-Line | 600 | 1 | 8 |

# Underground Insulation Piercing Connectors

Figure 1  Figure 2  Figure 3
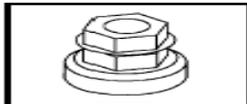
Before Torqueing
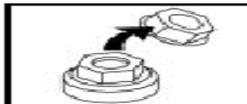
After Torqueing

**Installation Simple, Fast & Reliable**
**No Cutting or Stripping of Cable Required**
1. Loosen the shear-head bolt until the ribs are visible & the cable is not obstructed on entry
2. Apply anti-oxidant grease from the connector to the end of the conductor & insert the conductor into the cable entry port making sure it is fully seated in the back of the connector
3. Tighten the bolt with a closed-end wrench or socket until the top shear-head nut breaks off
4. Check that conductors are secure

**91643, 91645 & 91646 Available October 2014**

▶ Insulation Piercing - Insulation Displacement Splicing Technology
▶ Fully Submersible, Completely Waterproof connector for Copper or Aluminum wire
▶ Rubber Over-molded Body ensures the installer does not come into contact with bare metal conductor or the conductive material of the connector
▶ Double Shear-Head Bolt guarantees correct torque every time, ensuring a quality connection, & eliminating the possibility of hot spots, damaged wires or loose connections
▶ No cable stripping required, simply insert the jacketed cable into the entry port & tighten with a 1/2" 6 point socket

| Cat No. | Fig | Number of Ports | Wire Range | Torque in Inch lb. | Bolt Head Size | Dimensions in Inches H  W  L | Case Qty |
|---|---|---|---|---|---|---|---|
| In-Line Splices | | | | | | | |
| 96141 | 1 | - | #10 - 1/0 | 220 | 3/4 | 1.50 x 3.50 x 6.00 | 10 |
| 96142 | 1 | - | 2 - 350 MCM | 185 | 1/2 | 2.00 x 3.50 x 10.00 | 4 |
| Multi-Port Stub Splices | | | | | | | |
| 96145 | 2 | 4 | #6 - 4/0 | 220 | 3/4 | 6.00 x 4.00 x 5.50 | 9 |
| 96146 | 2 | 5 | #6 - 4/0 | 220 | 3/4 | 6.00 x 4.00 x 7.00 | 9 |
| 96143 | 2 | 5 | 1/0 - 350MCM | 220 | 3/4 | 6.00 x 4.00 x 8.50 | 6 |
| 96144 | 3 | 6 | (2) @ 2-350 & (4) @ 6-4/0 | 185 | 1/2 | 2.50 x 4.00 x 8.40 | 4 |