



## **Product Specification: Made in the USA Armored and Metal Clad Cable Fittings**

### PART 1: Overview

Product used to secure and terminate Armored or Metal Clad Cable to a box or enclosure or to support Armored or Metal Clad Cable to a mounting surface. All product shall be Made in the USA.

General Specification Guidance: “Armored or Metal Clad Cable Fittings shall be zinc plated steel or zinc die cast as manufactured by Bridgeport Fittings, Inc. Connectors shall be locknut or snap-in type. Snap-in Connectors shall be Bridgeport Patented Whipper-Snap design.”

### PART 2: Products

#### 2.01 ACCEPTABLE MANUFACTURERS

- A. Locknut Type Squeeze Connectors – Zinc Die Cast. Shall be series 403-DC2 as manufactured by Bridgeport Fittings, Inc.
- B. Locknut Type Set Screw Connectors – Zinc Die Cast. Shall be 501-DC2 as manufactured by Bridgeport Fittings, Inc.
- C. Locknut Type Single Screw Strap Connectors – Zinc Die Cast. Shall be 560-DC2 (Non-insulated version) or 560-DCI2 (Insulated version) as manufactured by Bridgeport Fittings, Inc.
- D. Locknut Type Two Screw Strap Connectors – Zinc Die Cast. Shall be 565-DC2 or 566-DC2 as manufactured by Bridgeport Fittings, Inc.
- E. Locknut Type Low Profile “U” Shaped Strap Connectors – Zinc Die Cast. . Shall be 570-DC2 or 570-DCR2 (Non-insulated version) or 570-DCI2 (Insulated version) as manufactured by Bridgeport Fittings, Inc.
- F. Snap-In Type “U” Shaped Strap Connectors– Zinc Die Cast. Shall be SG38SP (Non-insulated version) or SG38ASP (Insulated version) as manufactured by Bridgeport Fittings, Inc.
- G. Locknut Type HCF Cable Color-Coded Connectors – Zinc Die Cast. Shall be 570-G1 or 570-G/RI as manufactured by Bridgeport Fittings, Inc.
- H. Locknut Type Fire Alarm Cable Color-Coded Connectors – Zinc Die Cast. Shall be 570-RI as manufactured by Bridgeport Fittings, Inc.
- I. Locknut Snap Type Connectors – Zinc Die Cast. Shall be 590-DC2 (Non-insulated version) or 590-DCI2 (Insulated version) as manufactured by Bridgeport Fittings, Inc.



- J. Snap-In Type Double Snap Connectors – Zinc Die Cast. Shall be 380SP (Non-insulated version) or 38ASP (Insulated version) as manufactured by Bridgeport Fittings, Inc.
- K. Locknut Strap Type Duplex Connectors – Zinc Die Cast. Shall be 601-DC2 as manufactured by Bridgeport Fittings, Inc.
- L. Snap-In Type Duplex Connectors– Zinc Die Cast. Shall be 846SP as manufactured by Bridgeport Fittings, Inc.
- M. Locknut Type Two Screw Strap Connectors – Zinc Die Cast. Shall be 653-DC2 as manufactured by Bridgeport Fittings, Inc.
- N. Locknut Type Two Screw Strap Connectors – Zinc Die Cast. Shall be series 683-DC2 through 689-DC2 as manufactured by Bridgeport Fittings, Inc.
- O. Locknut Type 90 Degree Duplex Connectors – Zinc Die Cast. Shall be 830-DC2 as manufactured by Bridgeport Fittings, Inc.
- P. Snap-In Type Two Screw Strap Connectors – Zinc Die Cast. Shall be 840SP as manufactured by Bridgeport Fittings, Inc.
- Q. Locknut Type 90 Degree Connectors – Zinc Die Cast. Shall be 801-DC2, 804-DC2, 806-DC2, 807-DC2 or 808-DC2 (Non-insulated version) or 801-DCI2, 804-DCI2, 806-DCI2, 807-DCI2 or 808-DCI2 (Insulated version) as manufactured by Bridgeport Fittings, Inc.
- R. Snap-In Type 90 Degree Double Screw Connectors – Zinc Die Cast. Shall be 850SP as manufactured by Bridgeport Fittings, Inc.
- S. One Hole Straps – Steel. Shall be 890-MC, 891-MC or 900-F as manufactured by Bridgeport Fittings, Inc.
- T. AC/MC Cable Bracket – Steel. Shall be 895-MC as manufactured by Bridgeport Fittings, Inc.

## 2.02 MATERIALS

- A. Steel Product shall be SAE 1050.
- B. Die Cast Zinc Product shall be #7 or #3 ZAMAK.

## 2.03 GENERAL DESIGN

- A. Zinc die cast components shall be ball burnished.
- B. Steel parts shall be zinc plated for corrosion protection.
- C. Bridgeport logo shall appear on each fitting and/or box.
- D. Die cast zinc locknuts shall have precision machine-cut threads and possess a serrated face on each side.
- E. All set screw products shall have staked screws to prevent disassembly in transit.
- F. All fitting throat diameters shall be smooth with no sharp edges.
- G. All fittings shall be tested to UL 514B and be listed by Underwriters Laboratories.