



	Document Title: <b>Full Tension Splice Kit 3#6</b>	
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**Management Approval**

Heriberto González Director, Transmission Line and Engineering Standards	Signature and Date  <a href="#">Heriberto Gonzalez (Oct 14, 2022 08:05 EDT)</a>
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**Version History**

Version	Date	Revision Comments
00	October 14, 2021	General revision for final approval



**1. General**

- 1.1. This is a general specification that covers the minimum requirements for a Full Tension Splice Kit 3#6 to be used in the transmission system in Puerto Rico.
- 1.2. Further information will be provided by LUMA Energy at the time of order placement and will provide information on site conditions, quantity and other requirements.

**2. Specific Name**

- 2.1. Connector Compression Full Tension Splice Kit for Aluminum-Clad Steel 3 #6.

**3. Basic Use**

- 3.1. For Aluminum-Clad Steel 3 #6 in Overhead Transmission & Distribution Lines.

**4. Special Requirements**

- 4.1. Samples shall be furnished if requested by LUMA.
- 4.2. LUMA may require one (1) unit properly labeled for testing and analysis.
- 4.3. Descriptive and technical literature shall be supplied if requested by LUMA.
- 4.4. Vendors that have supplied this material to PREPA in previous orders, will not have to furnish samples at bid opening.
- 4.5. They shall be required to show evidence of LUMA's approval of the equipment if requested.

**5. Marking**

- 5.1. Container shall be marked outside with LUMA purchase order number and code number.

**6. Packaging**

- 6.1. All material and equipment shall be packaged and marked in such a way as to facilitate handling and protection from damage and that the receiving warehouse can readily identify it and send it, in one complete unit, to a field location without opening crates or boxes to sort items and/or parts.

**7. Labeling**

- 7.1. Each unit shall be clearly marked with the installation die index number. Indications which show the installer the correct number of crimps and the spacing required shall be furnished.

**8. Equal or approved equal to:**

- 8.1. Burndy Corp. Catalog No. YDS7M9T

**9. Number per package:**

- 9.1. Twenty-five (25) Units per box.

## 10. Acceptance Criteria

- 10.1. Latest applicable codes, standards, and other regulations: ANSI/NEMA, ASTM, AA C119.4 Class 1 (Full Tension)

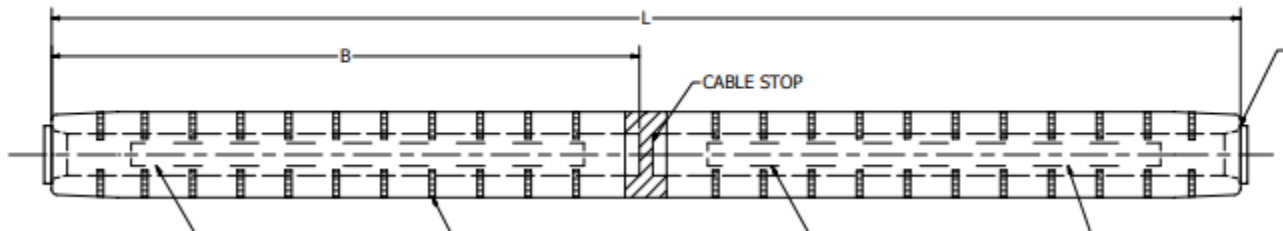
## 11. Description

- 11.1. High Strength Aluminum-Alloy Full Tension Splice Connector for messenger in transmission lines. Sleeve connector for 0.343in (8.72 mm) to 0.349in (8.87 mm) overall diameter aluminum clad Steel Conductor (Alumoweld).
- 11.2. Cable: Three (3) No. 6.
- 11.3. Shall be in accordance with ANSI/NEMA CC3.
- 11.4. Shall be installed with standard tool such as Burndy Y35. Using die index # 677.
- 11.5. Shall be furnished pre-filled with an oxide inhibiting compound and capped.

## 12. Inspection

- 12.1. The acceptance of any material or equipment shall in no way relieve the vendor from his responsibility to meet all the requirements of this specification, and it shall not prevent subsequent rejection if such material is found to be defective later.

## 13. Drawing



Length (L)	10.41 in.
Length (B)	5.14 in.
Outside Diameter	0.80 in.

— End of Specification —












# 4752.194 Full Tension Splice Kit 3#6


Final Audit Report

2022-10-14


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