



**Connector Jumper Sleeve
1192.5 ACSR 36/1 PR Special**

Equipment Specification
Document No.: 4752.170
Item No.: 002-11979
Originating Dept: Transmission Eng.

	Document Title: Connector Jumper Sleeve 1192.5 ACSR 36/1 PR Special		
	Document Type: Equipment Specification	Document No.: 4752.170	
Department: Transmission Engineering	Version: 01	Issue Date: 5/20/2022	Effective Date: 5/20/2022

<p>Author Emmanuel E Rivera Cruz Designer, Transmission & Substation Engineering</p> <p>Reviewer 1 Rene Maldonado Supervisor, Line Engineering Standards</p> <p>Reviewer 2 Oscar Venegas Lead Engineer, Trans</p> <p>Approver Walter Carrasquillo Alberty Manager, T&S Standards and Materials</p>	Signature and Date Emmanuel E Rivera Cruz (Jun 6, 2022 09:43 EDT)
	Signature and Date Rene Maldonado (Jun 6, 2022 10:44 EDT)
	Signature and Date Oscar E Venegas (Jun 13, 2022 15:21 EDT)
	Signature and Date Walter Carrasquillo (Jun 13, 2022 16:51 EDT)

Management Approval

<p>Heriberto González Section Manager, Standards</p> <p>Darrel Wilvers Director, Asset Management</p>	Signature and Date Heriberto Gonzalez (Jun 14, 2022 22:45 EDT)
	Signature and Date N/A

Version History

Version	Date	Revision Comments	Author	Reviewers	Approver
00	Dec 28, 2021		Rene Maldonado	Heriberto Gonzalez	Walter Carrasquillo
01	May 20, 2022	General revision for final approval	Emmanuel E. Rivera	Rene Maldonado Oscar Venegas	Walter Carrasquillo



1. General

- 1.1. This is a general specification that covers the minimum requirements for a Connector Compression Jumper Sleeve Aluminum to be used in the distribution 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. Compression Jumper Sleeve 1192.5 ACSR 36/1 PR Special.

3. Basic Use

- 3.1. For 1192.5 ACSR 36/1 PR Special 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. YNS49R

9. Number per package:

- 9.1. Ten (10) Units per box or as approved by LUMA.



10. Acceptance Criteria

10.1. Latest applicable codes, standards, and other regulations: ANSI/ASTM (B230, B231, B232, B498, D2604, D2606), AWWA (C2).

11. Description

11.1. The connector shall be in accordance with ANSI/NEMA CC3. Shall be in accommodate the following conductor sizes: 1192.5 ACSR 36/1 PR Special (Diam. 1.274 in.); to be installed with standard tooling such as Burndy Y60 Die Index: 727.

11.2. The connector shall be furnished prefilled with an oxide inhibiting compound and capped metric conversions as per latest ASTM.

11.3. Material:

a. Aluminum alloy 1350 H19 round conductor wire conforming with ANSI/ASTM B230.

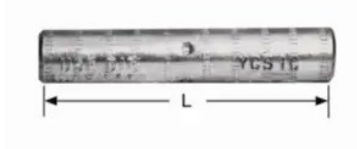
b. Zinc coated, class-A galvanized steel core wire conforming with ANSI/ASTM B498.

11.4. The conductor shall be Class AA stranding.

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)	10.08 in.
Outside Diameter	1.97 in.

— End of Specification —











4752.170 CONNECTOR JUMPER SLEEVE 1192.5 ACSR 36-1 PR SPECIAL


Final Audit Report

2022-06-15


Created:	2022-06-06
By:	Emmanuel E Rivera Cruz (emmanuel.riveracruz@lumapr.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAzBifE6GHVNLrYnDwJ_noSU0w4Cko66Y

"4752.170 CONNECTOR JUMPER SLEEVE 1192.5 ACSR 36-1 PR SPECIAL" History


-  Document created by Emmanuel E Rivera Cruz (emmanuel.riveracruz@lumapr.com)
2022-06-06 - 1:41:44 PM GMT
-  Document e-signed by Emmanuel E Rivera Cruz (emmanuel.riveracruz@lumapr.com)
Signature Date: 2022-06-06 - 1:43:04 PM GMT - Time Source: server
-  Document emailed to Rene Maldonado (rene.maldonado@lumapr.com) for signature
2022-06-06 - 1:43:06 PM GMT
-  Email viewed by Rene Maldonado (rene.maldonado@lumapr.com)
2022-06-06 - 1:43:10 PM GMT
-  Document e-signed by Rene Maldonado (rene.maldonado@lumapr.com)
Signature Date: 2022-06-06 - 2:44:58 PM GMT - Time Source: server
-  Document emailed to Oscar E Venegas (oscar.venegas@lumapr.com) for signature
2022-06-06 - 2:44:59 PM GMT
-  Email viewed by Oscar E Venegas (oscar.venegas@lumapr.com)
2022-06-06 - 2:45:04 PM GMT
-  Email viewed by Oscar E Venegas (oscar.venegas@lumapr.com)
2022-06-12 - 2:49:41 PM GMT
-  Email viewed by Oscar E Venegas (oscar.venegas@lumapr.com)
2022-06-13 - 2:49:44 PM GMT
-  Document e-signed by Oscar E Venegas (oscar.venegas@lumapr.com)
Signature Date: 2022-06-13 - 7:21:28 PM GMT - Time Source: server- Signature captured from device with phone number XXXXXXXX2079

 Document emailed to Walter Carrasquillo (walter.carrasquillo@lumapr.com) for signature


2022-06-13 - 7:21:30 PM GMT

 Email viewed by Walter Carrasquillo (walter.carrasquillo@lumapr.com)

2022-06-13 - 7:22:09 PM GMT

 Document e-signed by Walter Carrasquillo (walter.carrasquillo@lumapr.com)

Signature Date: 2022-06-13 - 8:51:17 PM GMT - Time Source: server

 Document emailed to Heriberto Gonzalez (heriberto.gonzalez@lumapr.com) for signature


2022-06-13 - 8:51:19 PM GMT

 Email viewed by Heriberto Gonzalez (heriberto.gonzalez@lumapr.com)

2022-06-13 - 8:51:23 PM GMT

 Email viewed by Heriberto Gonzalez (heriberto.gonzalez@lumapr.com)

2022-06-14 - 8:55:56 PM GMT

 Document e-signed by Heriberto Gonzalez (heriberto.gonzalez@lumapr.com)

E-signature obtained using URL retrieved through the Adobe Acrobat Sign API

Signature Date: 2022-06-15 - 2:45:46 AM GMT - Time Source: server

 Agreement completed.

2022-06-15 - 2:45:46 AM GMT