



**Wedge Stirrup Connector
336.4 ACSR**

Equipment Specification
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Management Approval	
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Version History					
Version	Date	Revision Comments	Author	Reviewers	Approver
00	July 12, 2021		Rene Maldonado	Heriberto Gonzalez	Walter Carrasquillo
01	May 30, 2022	General revision for final approval	Emmanuel E. Rivera	Rene Maldonado Oscar Venegas	Walter Carrasquillo



1. General

- 1.1. This specification describes the minimum requirements of wedge stirrup connector with power booster.
- 1.2. The wedge connector shall be designed, rated, manufactured, and tested in accordance with the latest applicable IEEE, NEMA, ANSI, ASTM, and NEC Standards¹. If the Vendor does not demonstrate its compliance with the applicable standards, these specification requirements and supply the requested documents, the bid may be rejected.
- 1.3. The Vendor shall provide LUMA Energy with a list of recommended spare parts, tools, and service equipment, including prices.

2. Specific Name

- 2.1. Wedge stirrup connector for 336.4 ACSR conductor

3. Basic Use

- 3.1. For tap connection of ACSR conductor at dead structures in 38 kV distribution lines.

4. Special Requirements

- 4.1. Samples shall be furnished if requested by LUMA.
- 4.2. LUMA may required 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 and packaging

- 5.1. Containers shall be marked outside with LUMA's purchase order number and code number.
- 5.2. Vendor shall prepare material and equipment for shipment in such a manner as to facilitate handling and protection from damage.

All material shall be packaged and marked in such a way that the receiving warehouse can readily identify and send in one (1) complete unit to a field location without opening crates or boxes to sort items and/or parts.

¹ IEEE = Institute of Electrical and Electronics Engineers
NEMA = National Electric Manufacturers Association
ANSI = American National Standard Institute
ASTM = American Society of Testing and Materials
NEC = National Electric Code.



6. Labeling

- 6.1. Each unit shall be clearly marked with the installation tool to be used, either with a color coding or numbering.

7. Equal or approved equal to:

- 7.1. Burndy Corp., Catalog number – WSL1PB
- 7.2. Ampact Tap Connectors – 600474

8. Number of pieces per package:

- 8.1. Each box with ten (5) connectors.

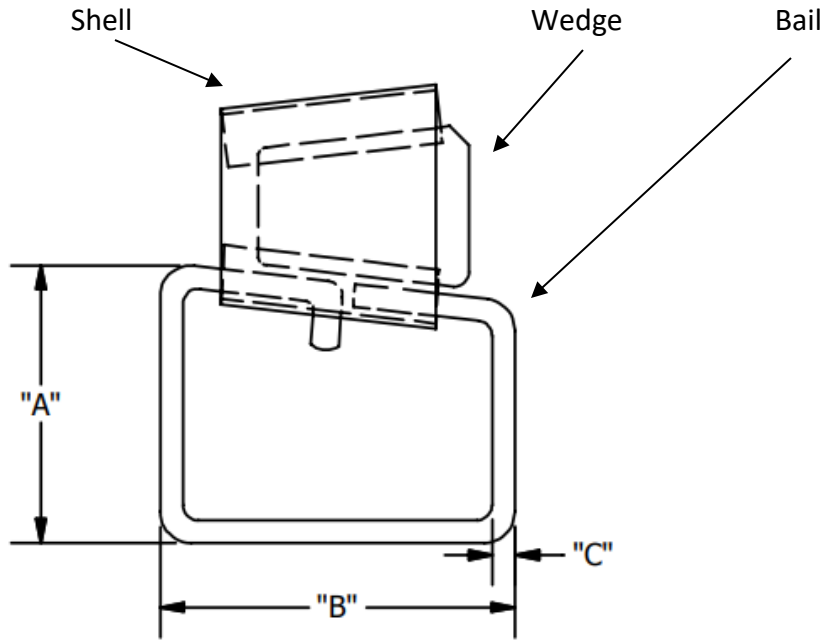
9. Description

- 9.1. Aluminum wedge connector that is used to install tap connections which must be removed and reinstalled frequently.
- 9.2. Installation tool – Burndy Corp., Catalog – Type WTRBYK,
Ampact Tool – AMPS-0-1443414-1 Large
- 9.3. Power Boosters – Yellow Coded

10. Inspection

- 10.1. 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.

11. Drawing



Dimensions

Catalog #	Nominal Cable Range	Bail Size	"A" Length (in.)	"B" Length (in.)	"C" Length (in.)
WSL1	336.4	1 / 0	4.35	4.70	0.324

— End of Specification —


4752.213 Wedge Connector 336 w Stirrup


Final Audit Report


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