



Document Title:

Helical Rod Spacer for 1192.5 ACSR 36/1 Puerto Rico Special

Document Type:
Specification

Engineering Type
Material Specification

Document No.:
4752.313

Department:

Version:
01

Effective Date:
Nov 27, 2024

**Transmission
Engineering**

For other, specify here

Shared document with: N/A

**Select the Departments impacted by the document (If apply)*

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Related/Referenced Documents

Include the applicable document, section, or reference "[add link here](#)".

Version	Date	Revision
00	Mar 9, 2023	First Issue
01	Nov 27, 2024	Changed cover page and document to new format. Modified section 4. Added a table of compliance.

1. General

1.1. Overview

- 1.1.1. This specification covers the minimum requirements for a Helical Rod Spacer for 1192.5 ACSR 36/1 Puerto Rico Special used in the transmission system in Puerto Rico.
- 1.1.2. The material described in this specification is to be used for maintenance purposes.
- 1.1.3. The Helical Rod Spacer shall be designed and manufactured in accordance with the latest applicable IEEE, NEMA, ANSI, and ASTM Standards.
- 1.1.4. 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.

2. Specific Name

- 2.1. Helical Rod Spacer for 1192.5 ACSR 36/1 Puerto Rico Special.

3. Basic Use

- 3.1. Used on horizontal conductor bundles to provide uniform spacing and to ensure consistent electrical characteristics.

4. Specific Requirements

- 4.1. Samples shall be furnished to LUMA.
- 4.2. LUMA requires One (1) unit properly labeled for testing and analysis.
- 4.3. Descriptive and technical literature shall be supplied to LUMA.
- 4.4. They shall be required to show evidence of LUMA's approval of the equipment.

5. Acceptance Criteria

- 5.1. Latest applicable codes, standards, and other regulations.
- 5.2. 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.

6. Description

- 6.1. Helical Rod Spacer is for 1192.5 ACSR 36/1 Puerto Rico Special.
- 6.2. Helical Rod Spacer shall be constructed entirely of high strength aluminum alloy wire formed into helical cords.
- 6.3. Spacer shall have the following characteristics:

Table 1: Spacer Characteristics

Diameter Range (inches)		Approximate Applied Length (in)	Color Code
Minimum	Maximum		
1.197	1.250	46	Purple

7. Markings and Packaging

- 7.1. Containers/pallets or package shall be marked outside with LUMA’S purchase order number and code number.
- 7.2. Vendor shall prepare material and equipment for shipment in such manner as to facilitate handling and protection for damage. All material should 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.

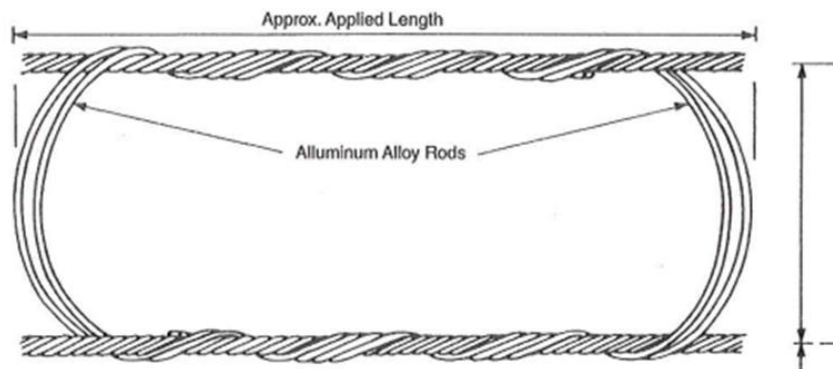
8. Compatible with

- 8.1. Preformed Line Products – Catalog No. SU-MS-6070
- 8.2. This model is an example of the equipment/material described in this document and do not represent a preference. LUMA will evaluate equally any model not listed here during any acquisition event.

9. Inspection

- 9.1. 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

10. Drawings



Warehouse ID	002-82019
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— End of Specification —

Appendix

Appendix 1. Table of Compliance

Line	Criteria	Description	Pass/Fail (P / F)	Comments
1	Specification	The Proponent complies with the corresponding specification document (4752.313)		
2	Industry Standards	The Proponent complies with the industry standards established in the specification document (IEEE, ANSI, ASTM, NEMA).		
3	Material	Helical Rod Spacer is for 1192.5 ACSR 36/1 Puerto Rico Special <ul style="list-style-type: none"> • Shall be constructed entirely of high strength aluminum alloy wire formed into helical rods 		
4	Requirements	<ul style="list-style-type: none"> • Samples shall be furnished to LUMA. • LUMA requires One (1) unit properly labeled for testing and analysis. • Descriptive and technical literature shall be supplied to LUMA. Vendors that have supplied this material to PREPA in previous orders, will not have to furnish samples at bid opening. • They shall be required to show evidence of LUMA’s approval of the equipment. • Complies with the characteristics in Table 1. 		











4752.313 Helical Rod Spacer 1192.5 ACSR 36-1 Puerto Rico Special

Final Audit Report

2024-11-27

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By:	Guillermo Nieves (guillermoj.nievesdia@lumapr.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAG3NtTZzvPOzN4rs3OEjheRL-hkypQgxL

"4752.313 Helical Rod Spacer 1192.5 ACSR 36-1 Puerto Rico Special" History

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Signature Date: 2024-11-26 - 7:46:37 PM GMT - Time Source: server- Signature captured from device with phone number XXXXXXXX5488
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2024-11-26 - 7:46:38 PM GMT
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Signature Date: 2024-11-26 - 10:50:25 PM GMT - Time Source: server
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2024-11-26 - 10:50:27 PM GMT
-  Email viewed by Yamil Rivera (yamil.rivera@lumapr.com)
2024-11-27 - 12:21:22 PM GMT
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