



	Document Title: Armor Rod 1192.5 MCM ACSR		
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Management Approval	
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Version	Date	Revision Comments	Author	Reviewers	Approver
00	Dec 28, 2021		Rene Maldonado	Heriberto Gonzalez	Walter Carrasquillo
01	May 19, 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 Armor Rod 1192.5 MCM ACSR 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.
- 1.3. This document includes the general electrical and mechanical characteristics of the material.

2. Specific Name

- 2.1. Armor Rod 1192.5 MCM ACSR.

3. Basic Use

- 3.1. For provide mechanical support and repair 1192.6 MCM ACSR conductor used in the Transmission system.

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.

5. Marking and Packaging

- 5.1. 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.

6. Equal or approved equal to:

- 6.1. Preformed Line Products Catalog No. AR-0145 (Color Code: White)

7. Number per package:

- 7.1. Pallet quantity: as requested by LUMA.

8. Acceptance Criteria

- 8.1. Latest applicable codes, standards, and other regulations: ANSI/ASTM.

9. Description

9.1. The armor rods are designed to protect cable against bending, compression, abrasion, arc-over, and to provide repair. They are also used to repair damaged aluminum-based conductors and restore the conductors' mechanical strength and conductivity.

9.2. Specifications:

9.2.1. Single Support Length (S): 100".

9.2.2. Diameter Range: 1.270" – 1.327".

9.2.3. Weight Per Carton: 81 lbs.

9.2.4. Units Per Carton: 6 lbs.

9.2.5. Rod Diameter: 0.365".

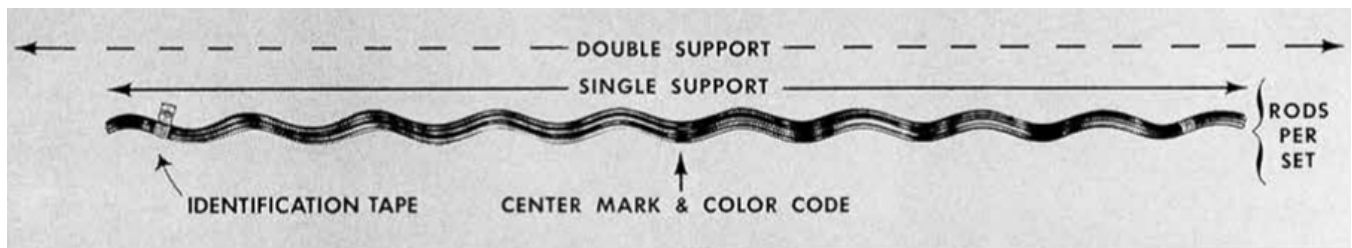
9.2.6. Rods per Set: 12.

9.3. Metric conversion as per latest ASTM.

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



— End of Specification —


4752.273 Armor Rod 1192.5 MCM ACSR Bunting


Final Audit Report


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