



**Hot Line Y-Y Clevis 48 in.
50,000 lbs**

Equipment Specification

Document No.: 4752.187

Item No.: 002-14015

Originating Dept: Transmission Eng.

	Document Title: Hot Line Y-Y Clevis 48 in. 50,000 lbs		
	Document Type: Equipment Specification	Document No.: 4752.187	
Department: Transmission Engineering	Version: 01	Issue Date: 5/17/2022	Effective Date: 5/17/2022

<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 (May 31, 2022 15:07 EDT)
	Signature and Date Rene Maldonado (Jun 1, 2022 09:47 EDT)
	Signature and Date Oscar E Venegas (Jun 6, 2022 09:48 EDT)
	Signature and Date Walter Carrasquillo (Jun 6, 2022 14:57 EDT)

Management Approval

<p>Heriberto González Section Manager, Standards</p> <p>Darrel Wilvers Director, Asset Management</p>	Signature and Date Heriberto Gonzalez (Jun 6, 2022 18:02 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 17, 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 Hot Line Y-Y Clevis 48 in. 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. Hot Line Y-Y Clevis 48 in. 50,000 lbs.

3. Basic Use

- 3.1. Used to connect associated hardware within an insulator string or connecting deadend clamps to yoke plates providing clearances for jumper ends.

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. Similar to Hubbell Catalog No. HYYC50

7. Number per package:

- 7.1. Pallet quantity: 65 or as requested by LUMA.

8. Acceptance Criteria

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

9. Description

- 9.1. Body shall be ductile iron material.
- 9.2. Body, hardware, bolts and nut shall be hot dip galvanized as per ASTM 153.
- 9.3. The cotter pin shall be stainless steel.
- 9.4. Metric conversion as per latest ASTM.



**Hot Line Y-Y Clevis 48 in.
50,000 lbs**

Equipment Specification

Document No.: 4752.187

Item No.: 002-14015

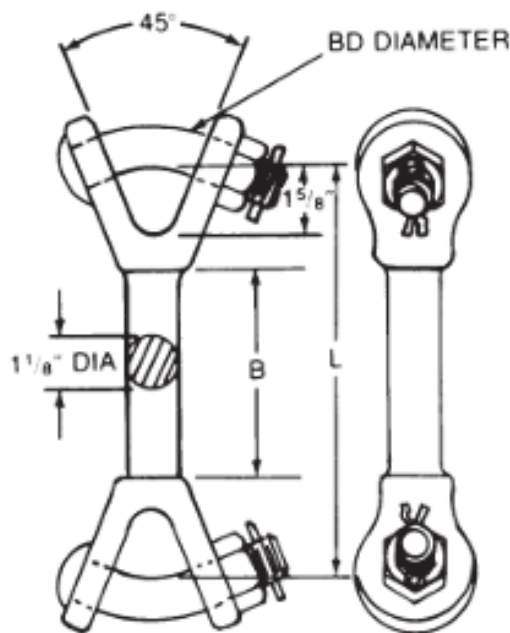
Originating Dept: Transmission Eng.

9.5. Rated Holding Strength: 50,000 lbs.

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



L	B	BD	S
48"	43 ³ / ₈ "	⁷ / ₈ "	1 ¹ / ₈ "

— End of Specification —