

Y-Splices, Split, Compression, Copper



1. Scope

This standard covers the requirements of copper, compression, split Y-splices.

This standard applies to the following Seattle City Light stock numbers:

Stock No.	Conductor Size (AWG/kcmil)				Use with Splice Kit Stock No.
	Main	Tap 1	Tap 2	Tap 3	
663570	#2 to 250	#2 to 250	-	-	687540
663572	350 to 750	1/0 to 350	#1 to #6	#2 to #14	687541
663574	500 to 750	350 to 750	-	-	687541
011908	750 to 1000	#2 to 250	-	-	011919
012959	750 to 1000	750 to 1000	-	-	011909

2. Application

Y-splices are used with primary cable, heat-shrink splices to connect different-sized copper or tin-plated copper conductors.

3. Industry Standards

Y-splices shall meet the applicable requirements of the latest revision of the following industry standard:

ANSI C119.4, American National Standard for Electric Connectors— Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93°C and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100°C

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4. Requirements

Y-splices shall have the following attributes:

- Copper material
- Tin-plated finish
- Design and dimensions as shown in Table 4 and Figure 4.

Figure 4. Y-Splice Dimensions

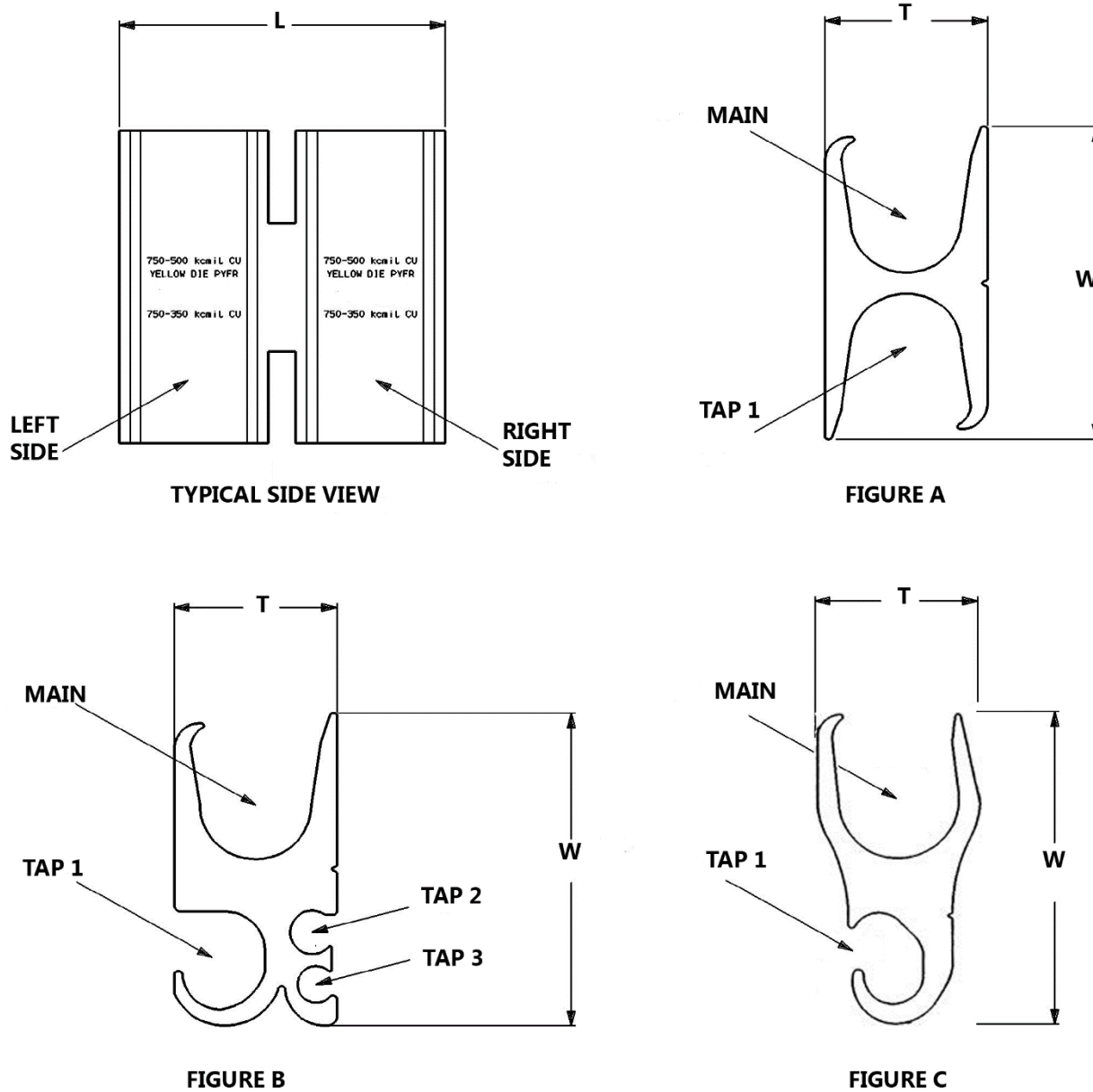


Table 4. Y-Splice Dimensions and Die Size

Stock No.	Dimensions (in)			Figure	Tool Y46	Color Code
	Length (L)	Width (W)	Thickness (T)		Die (Crimps)	
663570	3	1.85	0.90	A	P654 (2)	Purple
663572	3	2.97	1.50	B	PYFR (2)	Yellow
663574	3	2.97	1.50	A	PYFR (2)	Yellow
011908	3	3.21	1.70	C	PYFR (2)	Yellow
012959	2.5	3.38	1.70	A	P1102	White

5. Markings

Y-splices shall be legibly marked with the following:

- Manufacturer name or trademark
- Catalog number
- Conductor size
- Die size
- Color Code

6. Packaging

Y-splices shall be packaged to prevent damage during shipping, handling, and storage.

Packages shall be legibly marked with the following information:

- Manufacturer identification
- Product catalog part number
- Product description
- SCL stock number

Each shipping container shall be legibly marked with the following information:

- Seattle City Light purchase order number

7. Issuance

EA

8. Approved Manufacturers

Stock No.	Hubbell Power Systems / Burndy
663570	YSH2929
663572	YSH3931
663574	YSH3939
011908	YSH4429
012959	YSH4444

9. Sources

Stock Catalog Page 65-18 (January 16, 2018)

Burndy Y-Splice drawing number SD208806, Revision 2

Burndy Y-Splice drawing number 10022058, Revision B

www.hubbell.com

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