

Cable Support Assemblies With a Thermoplastic Insulator



1. Scope

This standard covers the requirements for cable support assemblies with a thermoplastic insulator.

This standard applies to the Seattle City Light (SCL) stock numbers listed in Table 2.

2. Application

Cable support assemblies with a thermoplastic insulator are used to fasten heavy primary or secondary cable to support brackets.

For a firm grip, cable diameter should be equal to or slightly greater than the minimum inside diameter of the cushion. In some situations, shimming with tape may be required. If the diameter of the cable is greater than 1/4 in over the minimum inside diameter of the cushion, use the next greater cushion size.

Table 2 shows typical cable applications corresponding to inside hole diameters of each assembly.

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Table 2. Sizing Chart for Typical Cable Applications

Stock No.	Mfr. Box Label (in)	Actual Inside Cushion	
		Diameter (in)	Typical Cable Applications
011961	1-1/8	1.06	28 kV, 1/0, 2/C, bare
014692	1-1/4	1.18	28 kV, 1/0, 2/C, jacketed
014425	1-3/8	1.26	28 kV, 1/0, 2/C, jacketed
011962	1-1/2	1.44	28 kV, 350 kcmil, 1/C 28 kV, 1/0, 2/C
011963	1-3/4	1.63	28 kV, 500 kcmil, 1/C
011964	2	1.88	28 kV, 750 kcmil, 1/C 15 kV, 1000 kcmil, 3-1/C
012501	2-1/8	2.00	28 kV, 1000 kcmil, 1/C 15 kV, #1 AWG, 3/C
011965	2-1/4	2.13	15 kV, 3/0 AWG, 3/C
011966	2-5/8	2.50	28 kV, #1 AWG, 5/C 15 kV, 350 kcmil, 3/C

3. Requirements

A cable support assembly shall include the following:

- Split thermoplastic cushion
- Electro-galvanized or stainless-steel clamp, bolt, split-ring lock nut, and hex nut

4. Packaging

Cable support assemblies shall be packaged to prevent damage during shipping, handling, and storage. Individual packages shall be legibly marked with:

- Manufacturer name
- Manufacturer part number
- Product description
- Seattle City Light stock number

Shipping containers shall be legibly marked with:

- Seattle City Light purchase order number

5. Issuance

Stock Unit: EA

6. Approved Manufacturers

Stock No.	Size	Manufacturer Catalog No.	
		ZSI-Foster (Porce-A-Clamp)	Atkore Unistrut (Cush-A-Clamp)
011961	1-1/8	018CC026S	018T022
014692	1-1/4	020CC034S	020T022
014425	1-3/8	022CC034S	022T026
011962	1-1/2	024CC034S	024N028
011963	1-3/4	028CC042S	028N032
011964	2	032CC042S	032N036
012501	2-1/8	034CC042S	034N040
011965	2-1/4	036CC050S	–
011966	2-5/8	042CC050S	042N048

7. Sources

SCL Stock Catalog page 70-41; February 2, 2017

<https://unistrut-us-live.ae-admin.com/product-details/cush-a-clamp>

Lu, Curtis; SCL Standards Engineer and originator of 7206.07

www.wesanco-zsi.com