

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.

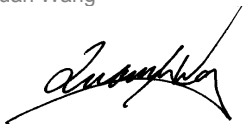
2. Application

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
- Stainless steel clamp with stainless steel or silicon-bronze bolt
- Split-ring lock nut
- 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.	Manufacturer	Mfr. Box Label (in)	Catalog No.
011961	ZSI-Foster	1-1/8	018CC026S
014692		1-1/4	020CC034S
014425	"	1-3/8	022CC034S
011962	"	1-1/2	024CC034S
011963	"	1-3/4	028CC042S
011964	"	2	032CC042S
012501	"	2-1/8	034CC042S
011965	"	2-1/4	036CC050S
011966	"	2-5/8	042CC050S

7. Sources

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

Lu, Curtis; SCL Standards Engineer and originator of 7206.07

www.zsi-foster.com