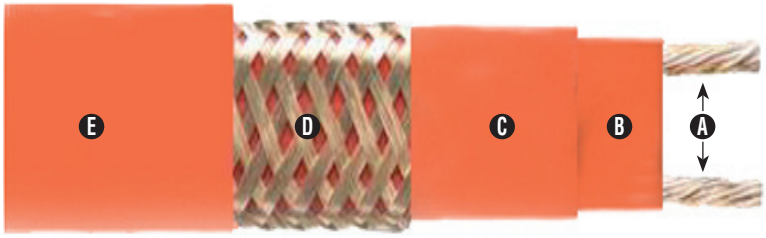
LEGACY PRODUCT

SLL
Series Long Line Cable

- 16, 14, 12, 10 AWG Copper Wire
- Circuit Lengths up to 7,500 Feet (2,286m)
- Minimum Install Temperature -40°F (-40°C)
- Maximum Continuous Exposure Temperature, Power Off, 374°F (190°C)
- Industrial Process Maintenance Applications
- Industrial Freeze Protection Applications
- Steam Cleanable on Process Equipment Up to 300 PSIG
- Outputs up to 12 W/Ft.
- 120 - 600 Volt From Stock
- Approximate Size 3/8"W x 1/8"H
- Minimum Bend Radius 1-1/8"
- For Use on Metallic Pipes Only



Description

Chromalox SLL Series Long Line cable provides safe, reliable heat tracing for process temperature maintenance and freeze protection of pipes, valves, tanks and similar applications. Constructed of industrial grade 16, 14, 12 or 10 AWG wire with metal braid and fluropolymer overjacketing, SLL ensures operating integrity in most hostile industrial environments. The 450°F (232°C) maximum exposure temperature rating allows steam cleaning of process equipment with up to 300 psig steam.

WARNING — A ground fault protection device is required by NEC to minimize the danger of fire if the heating cable is damaged or improperly installed. A minimum trip level of 30mA is recommended to minimize nuisance tripping.

Features

- Exceeds limitations of parallel resistance cables.
- Field splices can be performed easily in minutes with no scrap or wasted cold sections.
- With lower installed cost than steam tracing, SLL features less maintenance expense and downtime.
- Chromalox termination, splice and end seal kits reduce installation time.

Construction

A **Twin 16, 14, 12, 10 AWG Copper Wires —** Provide reliable electrical current capability.

B **High Temperature Fluropolymer Insulated Core —** Flame retardant, insulates the conductors and provides corrosion resistance.

C **High Temperature Fluoropolymer Jacket** Flame retardant, electrically insulates the core and provides corrosion resistance.

D **Metallic Braid —** Provides additional mechanical protection in any environment and a positive ground path.

E **High Temperature Fluoropolymer Overjacket —** Corrosion resistant, flame retardant overjacket is highly effective in hostile, aqueous and chemically active environments. It also protects against abrasion and impact damage.

Approvals

CSA Approved:

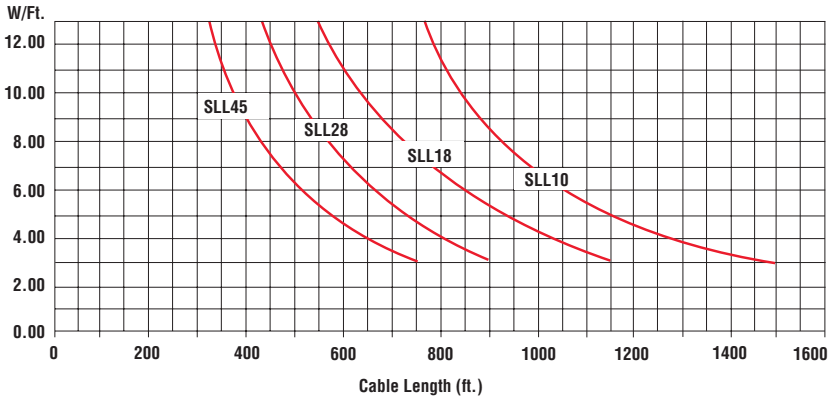
- Class I, Div. 2 Groups B, C, D (gases, vapors)
- Class II, Div. 2 Groups E, F, G (combustible dust)
- Temperature Coded per Design. Contact Chromalox Sales

SLL
Series Long Line Cable *(cont'd.)*

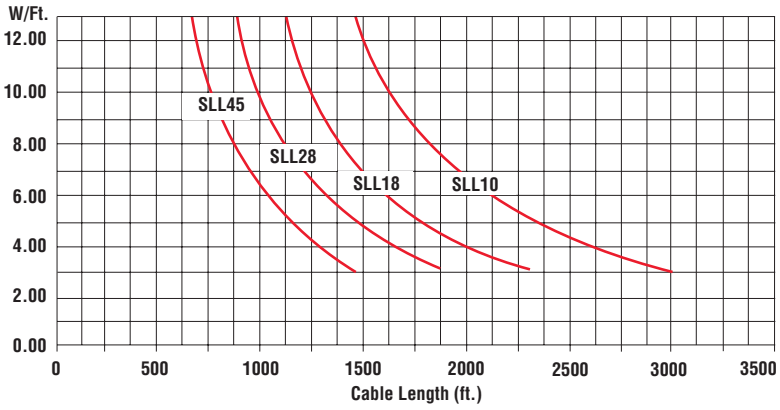
Note 1: These graphs are general guides to selection. Actual designs require consideration of other important variables and must be approved by Chromalox.

Nominal Output Ratings on Metal Pipe*
***All power outputs below at 68˚F (20˚C)**

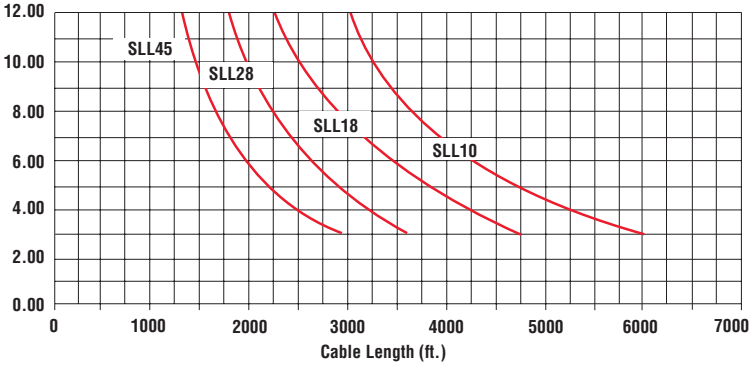
120 VAC



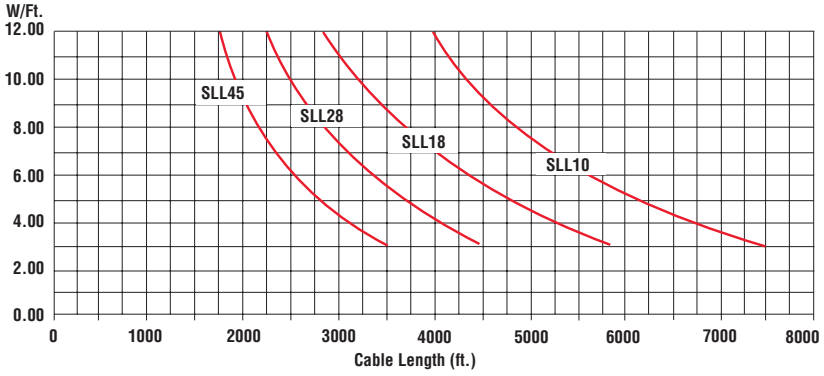
240 VAC



480 VAC



600 VAC



LEGACY PRODUCT

SLL
Series Long Line Cable *(cont'd.)*

Specifications

Model No.	PCN	Stock	Conductor Size	Ω/ft @ 68°F (20°C)	Ω/m @ 68°F (20°C)	Max. Circuit Breaker Size	Wt./1000' (lbs.)
SLL10-CT	384972	**S**	10	0.00240	0.007872	50	100
SLL18-CT	384964	**S**	12	0.003680	0.01207	50	100
SLL28-CT	384956	**S**	14	0.00580	0.00190	40	100
SLL45-CT	384948	**S**	16	0.00948	0.0310	30	100

To Order — Specify length, model, PCN and installation accessories.
All resistances above are nominal resistance values.

Accessories

Accessories		U Series
Power Connection	Heat trace to electrical service connection	UPC-LL
Splice	For splicing 2 SLL cables together	UMC-LL
End Seal	For terminating cable	UES-LL

To Order — General Application & Installation Accessories such as tape, pipe straps, warning labels, etc., refer to the U Series Long Line Kits Accessories page at the end of this section.

Ordering Information

To Order — *Complete the Model Number using the Matrix provided.*

Model	Series Long Line Cable
SLL	Series Long Line Cable

Code	Wire
10	10 Awg
18	12 Awg
28	14 Awg
45	16 Awg

Code	Braid and Overcoat Options
CT	Fluoropolymer corrosion resistant overjacket over braid for hostile/ corrosive environments

SLL	**10**	**-**	**CT**	**Typical Model Number**

More Information is Available Online on Heat Trace.

Bookmark Your Browser to ***www.chromalox.com*** *and Select* ***Manuals****.*