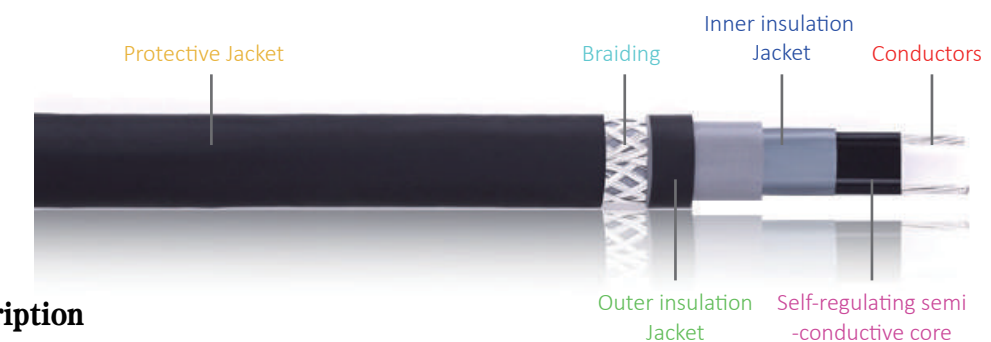


Self Regulating Heating Cable

SLL

Features

- Energy-saving, automatically varies its power output in response to pipe temperature changes.
- Easy installation, it can be cut to any required length.
- Lower installed cost than steam tracing, less maintenance expense and less downtime.
- The self-regulating effect allows the cable to be overlapped without creating hot spots or burnout.
- Approved for use in non-hazardous, hazardous and corrosive environments.
- Jiahong provides full range of controls and accessories.



Description

- 1) The output regulation of SLL series heating cables is carried out automatically along the entire length of heating tape according to the prevailing ambient temperature.
- 2) Its self-limiting characteristics improve safety and reliability. It will not overheat or burnout, even when overlapped upon itself.
- 3) With optional outerjacket the heating cable is resistant to watery and inorganic chemicals and protect against abrasion and impact damage.
- 4) SLL is suitable for use in explosion-hazardous areas up to a maximally admissible work-piece temperature of +65 °C.
- 5) Jiahong provides termination, power connection, splice, tee and end seal kit will reduce installation time and require no special skills or tools.

Appliance

SLL self-regulating heating cable is a parallel circuit electric heater strip. It's approved for residential and commercial metal and plastic pipe freeze protection and roof and gutter de-icing applications. It is ideal for use in maintaining fluid flow under low ambient. Freeze protection and low watt density process temperature systems such as pipelines, fire protection, process water, dust suppression systems, hot water and structure anti-icing are typical applications for this product. A flame-retardant, UV-resistant jacket protects the braiding against humidity and offers additional protection against mechanical stress.

Dimension and weight

Type	Dimension	Weight (kg/100m)
-SLL	11.0×4.4mm	6.7
-SLL...CR	13.2×6.6mm	10.3

Technical Date

Supply voltage	110-120V,208-277V
Power output	10,16,24,30,40W/M@10°C(50°F)
Maximum maintain or continuous exposure temperature (power on)	+65°C(150°F)
Maximum intermittent exposure Temperature, 1000 hours (power off)	+85°C(185°F)
Minimum installation temperature	-40°C(-40 °F)
Protective braid resistance	< 18.2Ω/km
Bus wire gauge	18AWG

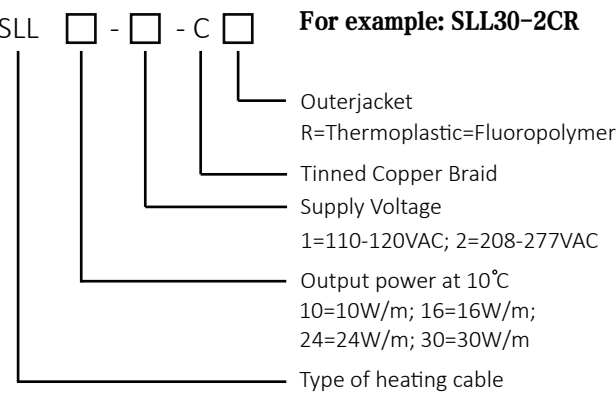
Power output curves

Nominal power output at 230V when SLL installed on insulated metal pipes

Approvals



Product ordering information



Maximum length(m) vs circuit breaker size

MAXIMUM CIRCUIT LENGTH BASED ON TYPE'C' CIRCUIT BREAKERS ACCORDING TO EN 60898						
Circuit Breaker Size	Start-up Temperature	Voltage:230V				
		SLL10	SLL16	SLL24	SLL30	SLL40
16A	−40°C	95	67	48	30	25
	−20°C	150	105	75	45	35
	−10°C	180	115	80	58	45
	10°C	185	115	80	60	48
20A	−40°C	185	90	64	55	40
	−20°C	125	115	80	58	48
	−10°C	185	115	80	62	48
	10°C	185	115	80	62	48
25A	−40°C	185	115	80	60	48
	−20°C	185	115	80	62	48
	−10°C	185	115	80	62	48
	10°C	185	115	80	62	48
32A	−40°C	185	115	80	62	48
	−20°C	185	115	80	62	48
	−10°C	185	115	80	62	48
	10°C	185	115	80	62	48
40A	−40°C	185	115	80	62	48
	−20°C	185	115	80	62	48
	−10°C	185	115	80	62	48
	10°C	185	115	80	62	48

