

# Heating Cable

## SRL

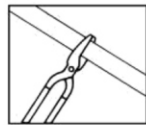
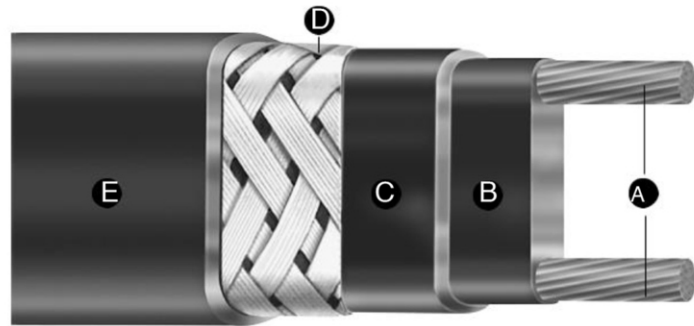
Self-Regulating  
Low Temperature

- Self-Regulating, Energy Efficient
- 18 AWG Buss Wire
- Circuit Lengths to 330 Feet (65°C)
- Process Temperature (65°C)
- Maximum Temperature, Power Off, (85°C)
- Industrial Freeze Protection Applications
- Freeze Protection of Piping
- Field Splicing Without Disrupting Heat Output
- 15, 25, 45 and 10 W/Ft.
- 220 Volt from Stock
- Approximate Size 2mm (W) x 5.2mm (H)
- For Use on Metal and Plastic Pipes

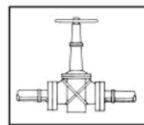
### Description

Self-regulating heating cable provides safe, reliable heat tracing for freeze protection of pipes, valves, tanks and similar applications. Constructed of industrial grade 18 AWG buss wire with a tinned copper braid and optional overjacketing, SRL ensures operating integrity in industrial environments. SRL heating cable has a maximum maintenance temperature rating of 150°F (65°C).

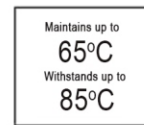
**WARNING** — A ground fault protection device is required to minimize the danger of fire if the heating cable is damaged or improperly installed. A minimum trip level of 30mA is recommended to minimize nuisance tripping.



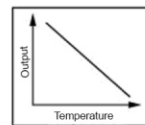
Cut to length  
in field



Can be single  
overlapped



Low Tempera-  
ture



Self Regulating  
Output

### Feature

- Energy efficient, self-regulating SRL uses less energy when less heat is required.
- Easy to install, SRL can be cut to any length (up to max. circuit length) in the field.
- Field splices can be performed easily in minutes with no scrap or wasted cold sections.
- SRL features lower installed cost than steam tracing, less maintenance expense and less downtime.
- SRL can be overlapped without burnout, which simplifies heat tracing of in-line process equipment such as valves, elbows and pumps.
- Because SRL is self-regulating, over-temperature conditions are minimized.

### Construction

- A** Twin 18 AWG Copper Buss Wires — Provide reliable electrical current capability.
- B** Semiconductive Polymer Core Matrix — “Self-Regulating” component of the cable, its electrical resistance varies with temperature. As process temperature drops, the core’s heat output increases; as process temperature rises, the heat output decreases.
- C** Polyolefin Jacket — Flame retardant, electrically insulates the matrix and buss wires and provides resistance to water and some inorganic chemical solutions.
- D** Tinned Copper Braid — Provides additional mechanical protection in any environment and a positive ground path
- E** High Temperature Fluoropolymer or TPR Overjacket (optional) — Corrosion resistant, flame retardant overjacket is highly effective in many environments. TPR coatings protect against certain inorganic chemical solutions. Fluoropolymer coatings are used for exposure to organic or corrosive solutions. These coatings also protect against abrasion and impact damage.