

# BSA Self-Regulating Heating Cable



nVent RAYCHEM BSA self-regulating trace heating cables are an ideal solution for freeze protection of pipes and vessels and for process temperature maintenance, in non-hazardous industrial locations, without steam-cleaning requirement. They maintain process temperatures up to 65°C and can withstand intermittent exposure temperatures up to 85°C. BSA heating cables use the same heating core and polyolefin inner jacket as the BTV. The earth path consists of an aluminum foil wrap and metallic drain wires, providing 100% electrical protection coverage. The polyolefin outer jacket is suitable for mild inorganic solutions and provides excellent protection.

## FEATURES

Foil wrap /drain-wire construction and modified polyolefin jackets provide a highly flexible cable

The unique construction allows stripping the jackets in no time, for fast connection

100% electrical earth path coverage for ultimate safety

Reliable long life performance with a 10 year product warranty available

## SPECIFICATIONS

|                               |                      |
|-------------------------------|----------------------|
| <b>Supply Voltage:</b>        | 0 – 230 V            |
| <b>Ground Path Type:</b>      | Foil and Drainwire   |
| <b>Conductor Material:</b>    | Nickel-Plated Copper |
| <b>Area Classification:</b>   | Non-Hazardous        |
| <b>Outer Jacket Material:</b> | Polyolefin           |

Table 1/1

| Catalog Number | Item Name | Nominal Power Output @ 10°C, 230V | Max Circuit Length | Nominal Width | Nominal Thickness |
|----------------|-----------|-----------------------------------|--------------------|---------------|-------------------|
| P000002271     | 3BSA2-DR  | 10 W/m                            | 150 m              | 13.7 mm       | 6.2 mm            |
| P000002272     | 7BSA2-DR  | 23 W/m                            | 120 m              | 13.7 mm       | 6.2 mm            |

## **WARNING**

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nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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