

# Rail Track Connector Bond, Multi-Leg



The Rail Track Connector Bond, Multi-Leg is designed for rail wayside signaling applications. This solution is designed to allow multiple connections to rail in highly congested areas of track while safely maintaining rail integrity. Connections to the rail can be made via nVent ERICO Cadweld exothermic connection or nVent ERICO plug bond connection.

## FEATURES

Helps maintain safety and rail integrity

Minimizes downtime on track due to maintenance

Easily make future connections in high-congestion areas

Patent pending customized solution to meet a wide variety of applications

Factory-made nVent ERICO Cadweld connection for superior reliability

Existing equipment and molds can be used for the connection

## SPECIFICATIONS

**Material:** Copper Magnesium

**Finish:** Tinned

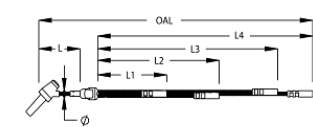
Table 1/2

| Catalog Number | Bond Terminal Style | Conductor Size   | Connector Conductor Size | Diameter (Ø) | Length (L) | Length 1 (L1) |
|----------------|---------------------|------------------|--------------------------|--------------|------------|---------------|
| SBSTB3S2CR7B   | Tab                 | 3/16" Bondstrand | 3/16" Bondstrand         | 4.8 mm       | 50.8mm     | 63.5 mm       |
| SBSP3S4CR24B   | Plug                | 3/16" Bondstrand | 3/16" Bondstrand         | 4.8 mm       | 76.2mm     | 101.6 mm      |
| SBSTB3E2CR7B   | Tab                 | 3/16" Bondstrand | 3/16" Bondstrand         | 4.8 mm       | 50.8mm     | 114.3 mm      |

| CatalogNumber    | Bond Terminal Style | Conductor Size      | Connector Conductor Size | Diameter (Ø) | Length (L) | Length 1 (L1) |
|------------------|---------------------|---------------------|--------------------------|--------------|------------|---------------|
| SBSCR3S2CR8<br>B | Crimp               | 3/16"<br>Bondstrand | 3/16"<br>Bondstrand      | 4.8 mm       | 76.2mm     | 63.5 mm       |

| Table 2/2      |               |               |               |                       |
|----------------|---------------|---------------|---------------|-----------------------|
| Catalog Number | Length 2 (L2) | Length 3 (L3) | Length 4 (L4) | Overall Length metric |
| SBSTB3S2CR7B   | 101.6 mm      |               |               | 177.8mm               |
| SBSPL3S4CR24B  | 203.2 mm      | 406.4mm       | 508 mm        | 609.6mm               |
| SBSTB3E2CR7B   | 114.3 mm      |               |               | 190.5mm               |
| SBSCR3S2CR8B   | 101.6 mm      |               |               | 203.2mm               |

## DIAGRAMS



## WARNING

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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