

# Rail Joint Bond, Power



The nVent ERICO Cadweld joint bonds are intended to be welded to the head of the rail profile within the confines of the joint bar. To ensure connection integrity, the attachment shall be made using nVent ERICO Cadweld welding material.

## FEATURES

Provides unchanging electrical resistance

Superior corrosion resistance

Easy installation, with minimum installer training required

Simple and highly-portable installation equipment

Equally usable on old, worn, or new rails

Highly durable

## SPECIFICATIONS

**Bond Terminal Style:** C

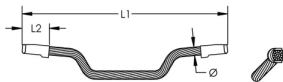
**Material:** Copper

Table 1/1

| Catalog Number | Article Number | Finish                               | Conductor Size              | Length 1 (L1) | Length 2 (L2) | Diameter (Ø) |
|----------------|----------------|--------------------------------------|-----------------------------|---------------|---------------|--------------|
| PBC1S59B       |                | Copper Plated, Pregalvanized, Tinned | 2/0 Composite Stranded      | 198.4 mm      | 34.9 mm       | 12.04 mm     |
| PBC1S6A13B     |                | Copper Plated, Pregalvanized, Tinned | 3/0 Composite               | 273.1 mm      | 34.9 mm       | 14.5 mm      |
| CBX5           | 515060         | Bare                                 | 95 mm <sup>2</sup> Stranded | 180 mm        | 30 mm         | 14.28 mm     |

| CatalogNumber | Article Number | Finish                 | Conductor Size                 | Length 1 (L1) | Length 2 (L2) | Diameter (Ø) |
|---------------|----------------|------------------------|--------------------------------|---------------|---------------|--------------|
| CBX5L         | 515100         | Bare                   | 95 mm <sup>2</sup><br>Stranded | 405 mm        | 30 mm         | 14.28 mm     |
| PBC12W36B     |                | Bare, Copper<br>Plated | 250 kcmil<br>Ropelay           | 857.3 mm      | 34.9 mm       | 16.59 mm     |
| PBC12W24B     |                | Bare, Copper<br>Plated | 250 kcmil<br>Ropelay           | 552.5 mm      | 34.9 mm       | 16.59 mm     |

## 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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