

# 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

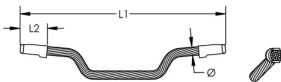
**Bond Terminal Style:** C  
**Material:** Copper

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> Stranded	405 mm	30 mm	14.28 mm
PBC12W36B		Bare, Copper Plated	250 kcmil Ropelay	857.3 mm	34.9 mm	16.59 mm
PBC12W24B		Bare, Copper Plated	250 kcmil 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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