

# Plug Bond Track Connector, Signal



## FEATURES

Utilized for attachment of bondstrand or solid copper track wires for track connections, fouling circuits, or bonding around the joint splice bar

Hammered into a 3/8" (9.5 mm) diameter hole drilled through the rail web and driven from the same side the hole was drilled

## SPECIFICATIONS

**Finish:** Electrogalvanized;Tinned;Bare

Table 1/2

| Catalog Number | Material                                   | Conductor Size   | Connector Conductor Size | Length (L) | Diameter 1 (Ø1) | Diameter 2 (Ø2) |
|----------------|--------------------------------------------|------------------|--------------------------|------------|-----------------|-----------------|
| SBPAC3A        | Copper Alloy, Cadmium Bronze, Carbon Steel | 3/16" Bondstrand | 3/16" Bondstrand         | 120.7mm    | 4.8 mm          | 10.5 mm         |
| SBPAC3A12      | Copper Alloy, Cadmium Bronze, Carbon Steel | 3/16" Bondstrand | 3/16" Bondstrand         | 323.9mm    | 4.8 mm          | 10.5 mm         |
| SBPAC3B24      | Copper Alloy, Cadmium Bronze, Carbon Steel | 3/16" Bondstrand | 3/16" Bondstrand         | 628.7mm    | 4.8 mm          | 10.5 mm         |

| CatalogNumber | Material                                                                                   | Conductor Size      | Connector<br>Conductor Size | Length (L) | Diameter 1(Ø1) | Diameter 2(Ø2) |
|---------------|--------------------------------------------------------------------------------------------|---------------------|-----------------------------|------------|----------------|----------------|
| SBPAC3G       | Copper Alloy,<br>Cadmium<br>Bronze, Carbon<br>Steel                                        | 3/16"<br>Bondstrand | #6 Solid                    | 120.7mm    | 4.8 mm         | 10.5 mm        |
| SBPAC3G12     | Copper Alloy,<br>Cadmium<br>Bronze, Carbon<br>Steel                                        | 3/16"<br>Bondstrand | #6 Solid                    | 323.9mm    | 4.8 mm         | 10.5 mm        |
| SBPAC3R       | Copper Alloy,<br>Cadmium<br>Bronze, Carbon<br>Steel                                        | 3/16"<br>Bondstrand | #8 Solid                    | 120.7mm    | 4.8 mm         | 10.5 mm        |
| SBPAC3Y       | Copper Alloy,<br>Cadmium<br>Bronze, Carbon<br>Steel                                        | 3/16"<br>Bondstrand | #9 Solid                    | 120.7mm    | 4.8 mm         | 10.5 mm        |
| SBPACGBJ34    | Stainless Steel<br>302 (EN<br>1.4324), Copper<br>Alloy, Cadmium<br>Bronze, Carbon<br>Steel | 1/4"<br>Bondstrand  | #6 Stranded                 | 892.2mm    | 6.4 mm         | 10.5 mm        |
| SBPACGBJ4     | Stainless Steel<br>302 (EN<br>1.4324), Copper<br>Alloy, Cadmium<br>Bronze, Carbon<br>Steel | 1/4"<br>Bondstrand  | #6 Stranded                 | 130.3mm    | 6.4 mm         | 10.5 mm        |

Table 2/2

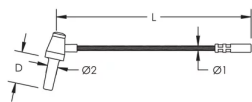
| Catalog Number | Depth (D) |
|----------------|-----------|
| SBPAC3A        | 31.75mm   |
| SBPAC3A12      | 31.75mm   |
| SBPAC3B24      | 31.75mm   |
| SBPAC3G        | 31.75mm   |
| SBPAC3G12      | 31.75mm   |
| SBPAC3R        | 31.75mm   |

| Catalog Number | Depth (D) |
|----------------|-----------|
| SBPAC3Y        | 31.75mm   |
| SBPACGBJ34     | 31.75mm   |
| SBPACGBJ4      | 31.75mm   |

### ADDITIONAL PRODUCT DETAILS

Plug Bond Grease (T369) recommended when installing.

### 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.

⚠ WARNING: This product can expose you to chemicals including cadmium, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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