

# Plug Bond Multipurpose Kit, Signal



## FEATURES

Used when a standard plug bond cannot be installed from the field side of a rail in tight areas such as frogs and switches

Highly flexible cable is resistant to vibration fatigue

Insulation manufactured from 600 volt-rated PVC

Insulation thickness available: 4/64" (0.063", 1.6 mm)

## SPECIFICATIONS

**Number of Wires:** 133

**Conductor Type:** AREMA® S-8

Table 1/1

| Catalog Number | Material                          | Insulated | Color  | Conductor Size   | Insulation Thickness | Length (L) |
|----------------|-----------------------------------|-----------|--------|------------------|----------------------|------------|
| SBPMJS12       | Cadmium Bronze, Polyvinylchloride | Yes       | Orange | 3/16" Bondstrand | 1.6 mm               | 304.8mm    |
| SBPMJS14       | Cadmium Bronze, Polyvinylchloride | Yes       | Orange | 3/16" Bondstrand | 1.6 mm               | 355.6mm    |
| SBPMJR12       | Cadmium Bronze, Polyvinylchloride | Yes       | Black  | 3/16" Bondstrand | 1.6 mm               | 304.8mm    |

| CatalogNumber | Material       | Insulated | Color | Conductor Size   | Insulation Thickness | Length (L) |
|---------------|----------------|-----------|-------|------------------|----------------------|------------|
| SBPMJ310      | Cadmium Bronze | No        |       | 3/16" Bondstrand |                      | 254mm      |
| SBPMJ312      | Cadmium Bronze | No        |       | 3/16" Bondstrand |                      | 304.8mm    |
| SBPMJ314      | Cadmium Bronze | No        |       | 3/16" Bondstrand |                      | 355.6mm    |

## ADDITIONAL PRODUCT DETAILS

Kit includes: (1) tube of plug bond grease, (2) plug bond track connectors, signal, 15' (0.3 m) of orange Insulated 3/16" bondstrand, (2) tinned copper compression sleeves, (4) wooden tie conductor fixing staples, (2) hammer-on rail clips, one conductor perpendicular to foot, (2) 9" (229 mm) long heat shrink tubing, and (2) 18" (457 mm) long polyethylene bootleg riser with hole.

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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