

## CABLE TO WEB OF RAIL T21 COMPLETE WELDER PAIR, SIGNAL



### FEATURES

Complete web welder assembly designed for the installation of track circuits and jumper bonds to the neutral axis of 85 to 140 lb. rail

Includes mold cleaner and flint ignitor

### SPECIFICATIONS

**Material:** Steel; Graphite

Table 1/2

| Catalog Number | Article Number | Bond Terminal Style | Rail Type                       | Handle Clamp           | Conductor Outer Diameter, Nominal | Welder Style |
|----------------|----------------|---------------------|---------------------------------|------------------------|-----------------------------------|--------------|
| SBTBT21R       |                | 1" Tab              | UIC                             | C105B, Sold Separately | 4.11mm                            | T21          |
| SBTBT21B       |                | 3/4" Tab            | 85 lb to 141 lb T-Rail Sections | C105B, Sold Separately | 4.76mm                            | T21          |
| SBTBT21C       | 165550         | 1" Tab              | 85 lb to 141 lb T-Rail Sections | C105B, Sold Separately | 4.76mm                            | T21          |
| SBTBT21D       |                | 1 1/2" Tab          | 85 lb to 141 lb T-Rail Sections | C105B, Sold Separately | 4.76mm                            | T21          |
| SBXST21A       |                | 3/4" XS             | 85 lb to 141 lb T-Rail Sections | C105B, Sold Separately | 4.76mm                            | T21          |
| SBTBT21Y       |                | 1" Tab              | UIC                             | C105B, Sold Separately | 5.18mm                            | T21          |

| Catalog Number | Article Number | Bond Terminal Style | Rail Type                       | Handle Clamp           | Conductor Outer Diameter, Nominal | Welder Style |
|----------------|----------------|---------------------|---------------------------------|------------------------|-----------------------------------|--------------|
| SBTBT21L       |                | 1" Tab              | UIC                             | C105B, Sold Separately | 6.1mm                             | T21          |
| SBTBT21X       |                | 1" Tab              | 85 lb to 141 lb T-Rail Sections | C105B, Sold Separately | 6.6mm                             | T21          |
| SBTBT21P       |                | 1" Tab              | UIC                             | C105B, Sold Separately | 7.75mm                            | T21          |
| SBTBT21E       |                | 1" Tab              | 85 lb to 141 lb T-Rail Sections | C105B, Sold Separately | 7.94mm                            | T21          |

| Table 2/2      |                |                       |                               |
|----------------|----------------|-----------------------|-------------------------------|
| Catalog Number | Article Number | Welding Material      | Conductor Size                |
| SBTBT21R       |                | SB25, Sold Separately | 10 mm <sup>2</sup> Concentric |
| SBTBT21B       |                | SB25, Sold Separately | 3/16" Bondstrand              |
| SBTBT21C       | 165550         | SB25, Sold Separately | 3/16" Bondstrand              |
| SBTBT21D       |                | SB25, Sold Separately | 3/16" Bondstrand              |
| SBXST21A       |                | SB25, Sold Separately | 3/16" Bondstrand              |
| SBTBT21Y       |                | SB25, Sold Separately | 16 mm <sup>2</sup> Concentric |
| SBTBT21L       |                | SB32, Sold Separately | 22 mm <sup>2</sup> Ropelay    |
| SBTBT21X       |                | SB32, Sold Separately | 25 mm <sup>2</sup> Ropelay    |
| SBTBT21P       |                | SB32, Sold Separately | 35 mm <sup>2</sup> Concentric |
| SBTBT21E       |                | SB32, Sold Separately | 5/16" Bondstrand              |

## 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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