Telecommunications Grounding Bar (TGB)

Applications and Features:

Southwire’s Telecommunication Grounding Bars are UL listed grounding bars that meet the requirements of ANSI/TIA/EIA-J-STD-607 for use in the wall mount grounding connection point for telecommunication systems and equipment. They are 2” wide by ¼” thick with two-hole patterns for use with two-hole cable lugs. Bus bars are shipped preassembled. Other configurations are available on request.

Construction:

- **Conductor:** Copper Bar, ¼” thick per ASTM B187 and UNS-C11000
- **Plating:** Bare or Electro-tin plated as noted
- **Insulation:** Glass reinforced thermoset polyester (BMC), Indoor rating: 2000 volts, UL 94 V-0
- **Bracket:** 300 Series Stainless Steel, 12AWG (0.105”) thick minimum
- **Fasteners:** Type 18-8 Stainless Steel, 3/8”

Specifications:

- ASTM B187 Standard Specification for Copper, Bus Bar, Rod, and Shapes and General Purpose Rod, Bar and Shapes
- UL 467 Standard for Grounding and Bonding Equipment
- CAN/CSA-C22.2 No. 41-13 Canadian Standard for Grounding and Bonding Equipment
- UL 94 V-0 for self-extinguishing materials
- UL 891, Annex G Panelboard and switchboard insulators
- ANSI/TIA/EIA-J-STD-607 Telecommunications Bonding and Grounding (Earthing)

![Diagram of Telecommunications Grounding Bar (TGB)]

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Length “A” in [mm]</th>
<th>Mount width “B” in [mm]</th>
<th>7/16” Hole Pair Qty</th>
<th>5/16” Hole Pair Qty</th>
<th>Weight lbs [kg]</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>035-14860-3/6</td>
<td>12” [305]</td>
<td>9” [228]</td>
<td>3</td>
<td>6</td>
<td>2.9 [1.32]</td>
<td>Stock</td>
</tr>
<tr>
<td>035-14860-3/10</td>
<td>16-1/2” [419]</td>
<td>9” [228]</td>
<td>3</td>
<td>10</td>
<td>3.6 [1.63]</td>
<td>1 week</td>
</tr>
<tr>
<td>035-14860-3/12</td>
<td>18-3/4” [476]</td>
<td>9” [228]</td>
<td>3</td>
<td>12</td>
<td>3.9 [1.78]</td>
<td>1 week</td>
</tr>
</tbody>
</table>

Note: Add a “T” to the end of part number for Tin plated copper. Bare copper part numbers are standard stock items.

Southwire Company, LLC | One Southwire Drive, Carrollton, GA 30119 | www.southwire.com
Copyright © 2018 Southwire Company, LLC. All Rights Reserved