Aluminum Conductor System With Maximum Installation Flexibility

TransTech's HV-Bar conductor system combines the economy of the lower amp H-Bar systems with the collector tracking and weather protection benefits of the V-Bar system. The HV-Bar conductor is rigid aluminum extruded from 6101-T6 alloy. The HV-Bar system offers simplicity in installation and requires no field welding, drilling or cutting. Assembly is accomplished by means of standard wrenches as hex head bolts are used on all assemblies. Conductors are furnished in factory pre-cut lengths to fit your requirements. Installation and layout drawings showing the location of all components are engineered for your particular requirements and are furnished with each system.

Features

- High current capacity aluminum extrusion with excellent chemical resistance properties
- Highly rigid cross-sectional geometry resists bending and twisting and permits hangar spacing up to 7 feet
- Systems are engineered to customer specifications, including system layout and installation support
- V shaped interface provides large contact area and collector tracking for efficient current collection
- Full range of standard components including hangers, anchors, feeders, splice joints, fixed expansion joints and isolation joints
- Multiple collector configurations available

Project Engineering and On-Site Installation Support

TransTech’s engineers custom-configure our products and systems to meet each customer’s unique application requirements. We provide on-site technical installation support and layout drawings to our customers and their installation teams.

Moving Electrification Forward
HVBar
Engineered Conductor System

The Leaders In Power Transfer Technology
TransTech is a subsidiary of Fandstan Electric, a global group of companies focusing on energy transfer systems with installations in over 100 countries. Working synergistically with our European sister companies such as Brecknell-Willis, Stemmann and AKAPP, we are able to leverage a broad product portfolio and a wealth of technical expertise. Our goal is to better serve our power transfer markets by continuing to provide solutions that improve product life, performance, and reliability.

Specifications
- 750 amp capacity available
- AC voltages up to 480V or DC up to 600V based on insulator selection
- Compatible with the corresponding ‘H’ conductor bar system components
- Ideal for under-running installations

<table>
<thead>
<tr>
<th>System Amperage Rating</th>
<th>Catalog Number</th>
<th>Area Sq. Inches</th>
<th>Weight Lbs/Ft</th>
<th>D.C. Resistance ohms/1000 Ft</th>
<th>A.C. Resistance ohms/1000 Ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>750</td>
<td>114546-“L”</td>
<td>0.82</td>
<td>0.96</td>
<td>0.018</td>
<td>0.025</td>
</tr>
</tbody>
</table>

“L” Designates conductor length in feet. Standard length is 30 feet.