General Description:
Tinned copper conductor, conductive polyethylene (Korona-Guard) over inner conductor provides uniform distribution of voltage stresses, polyethylene insulated. Red PVC jacket.

Physical Characteristics (Overall)

Conductor

<table>
<thead>
<tr>
<th># Conductors</th>
<th>AWG</th>
<th>Stranding</th>
<th>Conductor Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>18</td>
<td>16x30</td>
<td>TC - Tinned Copper</td>
</tr>
</tbody>
</table>

Total Number of Conductors: 1

Insulation

Insulation Material:

<table>
<thead>
<tr>
<th>Insulation Material</th>
<th>Wall Thickness (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PE - Polyethylene</td>
<td>.057</td>
</tr>
</tbody>
</table>

Other: .008 in. conductive polyethylene over stranding.

Jacket

Jacket Material: PVC - Polyvinyl Chloride

Jacket Thickness: .015

Overall Insulation

Overall Cable

Overall Nominal Diameter: 0.208 in.

Mechanical Characteristics (Overall)

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 20 lbs/1000 ft.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

- EU Directive 2011/65/EU (ROHS II): Yes
- EU CE Mark: Yes
- EU Directive 2002/95/EC (RoHS): Yes
- EU RoHS Compliance Date (mm/dd/yyyy): 10/01/2005
- CA Prop 65 (CJ for Wire & Cable): Yes
- Mii Order #39 (China RoHS): Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Max. Operating Voltage - Other:

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>40,000 V</td>
<td>DC</td>
</tr>
<tr>
<td>11,000 V</td>
<td>AC (60 Hertz)</td>
</tr>
</tbody>
</table>

Breakdown Voltage: 80,000 DC

Put Ups and Colors:

<table>
<thead>
<tr>
<th>Item #</th>
<th>Putup</th>
<th>Ship Weight</th>
<th>Color</th>
<th>Notes</th>
<th>Item Desc</th>
</tr>
</thead>
</table>
## 8866 Hook-up/Lead - High Voltage Leads

<table>
<thead>
<tr>
<th>Code</th>
<th>Length</th>
<th>Weight</th>
<th>Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8866 002U500</td>
<td>500 FT</td>
<td>11.500 LB</td>
<td>RED</td>
<td>#18 STR 40 KV HIGH VOLT</td>
</tr>
<tr>
<td>8866 002100</td>
<td>100 FT</td>
<td>2.700 LB</td>
<td>RED</td>
<td>#18 STR 40 KV HIGH VOLT</td>
</tr>
<tr>
<td>8866 002500</td>
<td>500 FT</td>
<td>11.500 LB</td>
<td>RED</td>
<td>C                    #18 STR 40 KV HIGH VOLT</td>
</tr>
</tbody>
</table>

**Notes:**
- C = CRATE REEL PUT-UP.

Revision Number: 2  Revision Date: 06-03-2011

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