Airframe Wire MIL-W-22759/MIL-W-81044

Caledonian Military Cables

MIL-W-22759/15

Application and Description
These FEP insulated single-core MIL-W-22759/15 wires are used for Mil-Spec and Aerospace.

Construction Details
FEP is extruded

Construction

- PVDF jacket
- Silver plated high-strength copper conductor
- FEP insulation

Conductor: Silver plated high-strength copper alloy
Insulation: Extruded FEP
Jacket: Clear PVDF
Insulating Material Thickness: 11 mil (0.30 mm)

Characteristics

- Temperature Rating: 135°C
- Voltage Rating: 600 volts
- SAE AS22759/15
- Color Code: MIL-STD-681

Dimensions and Weight

<table>
<thead>
<tr>
<th>AWG Size</th>
<th>Conductor Stranding</th>
<th>Conductor Diam.</th>
<th></th>
<th></th>
<th>Min O.D.</th>
<th>Max O.D.</th>
<th>Approx LBS/MFT</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Diam. Min.</td>
<td>Diam. Max.</td>
<td></td>
<td>in</td>
<td>mm</td>
<td>in</td>
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<tr>
<td>26</td>
<td>19/38</td>
<td>0.018</td>
<td>0.020</td>
<td>0.035</td>
<td>0.039</td>
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<tr>
<td>24</td>
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<td>0.040</td>
<td>0.044</td>
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<td>19/34</td>
<td>0.029</td>
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<td>0.037</td>
<td>0.041</td>
<td>0.053</td>
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