MIL-W-22759/31

Application and Description:
These PTFE insulation with a polyimide hard single-core MIL-W-22759/31 wires are used for MIL-Spec and Aerospace. These wires are designed for aerospace and other applications requiring excellent thermal stability, tight dimensional tolerances, and high reliability. These wires are especially well-suited in applications where smoke emission, overload stability, and flammability are major concerns.

Construction Details
PTFE is extruded

Construction

- Polyimide coating jacket
- Nickel plated high-strength copper conductor
- PTFE insulation

Conductor: Nickel plated high-strength copper alloy
Insulation: Extruded PTFE
Insulating Material Thickness: 10 mil (0.25 mm)
Jacket: Polyimide coating

Characteristics
Temperature Rating: 260°C
Voltage Rating: 600 volts
SAE AS22759/31
Color Code: MIL-STD-681

Dimensions and Weight

<table>
<thead>
<tr>
<th>AWG Size</th>
<th>Conductor Stranding</th>
<th>Conductor Diam. Min</th>
<th>Conductor Diam. Max</th>
<th>Min O.D.</th>
<th>Max O.D.</th>
<th>Approx LBS/MFT</th>
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<tr>
<td></td>
<td></td>
<td>in</td>
<td>mm</td>
<td>in</td>
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