**Caledonian Electric Submersible Pump Cables**

**Flat Cables**

### 250 ℉ / 121 ℃ PP/LEAD Flat Electrical Submersible Pump Cable

#### Application

These cables are designed for transmitting power to the submersible motor in the oil industry, suitable for installed down well in the oil industry.

#### Standard

- IEEE Std. 1019
- API RP 11S5
- API RP 11S6

#### Construction

- **Conductor:** Solid bare copper conductor.
- **Insulation:** Polypropylene insulation with a metal deactivator and a poly adhesive layer to the conductor.
- **Jacket:** Lead jacket.
- **Tape:** Longitudinally applied, rubber backed, fabric bedding tap.
- **Armor:** Galvanized steel tape.
### Dimensions and Weight

#### 5kV

<table>
<thead>
<tr>
<th>Cable Type</th>
<th>Conductor Size</th>
<th>Conductor O.D.</th>
<th>Insulation Thickness</th>
<th>Overall O.D.</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>AWG</td>
<td>mm²</td>
<td>inches</td>
<td>mm</td>
<td>Inches</td>
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<tr>
<td>QYPQ-121-5kV-3G4</td>
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<td>5.2</td>
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<td>6.6</td>
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<td>0.29</td>
<td>7.4</td>
<td>0.09</td>
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</tbody>
</table>

Other conductor size can be offered upon request.