DELIVERING DEPENDABILITY
FOR MORE THAN HALF A CENTURY

Kalas is a full-service manufacturer with 60 years of experience. We are strategically positioned to deliver unprecedented quality cable & value-add solutions to the welding, oil, water well & gas markets.

CUSTOM PROGRAMS AND PERSONALIZED SERVICES TO MEET YOUR NEEDS.
SUPERIOR MATERIAL CONTROL

OWNING EACH STAGE OF the production process;

DRAWN COPPER fabricated from 5/16” copper rod

40+ MILLION POUNDS OF COPPER processed annually

15 state-of-the-art EXTRUSION LINES

Custom and competitive VALUE-ADD SOLUTIONS

STRATEGIC VERTICAL INTEGRATION
1/0 & 2/0 HEAVY-DUTY SUBMERSIBLE PUMP CABLE

FEATURES
- Operating temperature range -40°C to 75°C
- Resistant to acid, abrasion, alkalis, flame, gas, and oil
- Water and sunlight resistant
- Cable footage is sequentially marked
- Cut to length available
- Special packaging is available upon request

APPLICATIONS
- For wiring within the casing of deep well submersible water pumps

CONSTRUCTION
Annealed bare stranded copper conductors PVC insulated and run parallel with a PVC black jacket to form a 75°C 600 Volt Multi-Conductor Submersible Pump Cable. UL Listed per UL 83 Type THW as Deep Well Submersible Pump Cable.

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STRANDING</th>
<th>INSULATION THICKNESS</th>
<th>JACKET THICKNESS</th>
<th>NOMINAL O.D.</th>
<th>STANDARD PACKAGE</th>
<th>SHIPPING WEIGHT -LBS/1000 FT.</th>
<th>PART NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
<td>min. x</td>
<td>maj. in</td>
</tr>
<tr>
<td>1/0 - 3 with #6 GND</td>
<td>0.080</td>
<td>2.032</td>
<td>0.060</td>
<td>1.524</td>
<td>0.661 x 2.049</td>
<td>16.790 x 52.045</td>
<td>500 or 1000</td>
</tr>
<tr>
<td>2/0 - 3 with #6 GND</td>
<td>0.080</td>
<td>2.032</td>
<td>0.060</td>
<td>1.524</td>
<td>0.715 x 2.175</td>
<td>18.161 x 55.245</td>
<td>500 or 1000</td>
</tr>
</tbody>
</table>

*Product is available in additional gauges. Visit kalaswire.com or contact your customer service representative for availability.

Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate.

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601
KALASWIRE.COM
P 717-335-0135

Las Vegas Warehouse
4320 North Lamb Blvd.
Suite 300,
Las Vegas, Nevada 89115

Tulsa Warehouse
1810 East Jasper St.
Tulsa, Oklahoma 74110

ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED
MADE IN USA

RoHS: Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended).
FEATURES

- Operating temperature range -40°C to 75°C
- Resistant to acid, abrasion, alkalis, flame, gas, and oil
- Water and sunlight resistant
- Cable is sequentially marked
- Special packaging is available upon request

CONSTRUCTION

Annealed bare stranded copper conductors PVC insulated and run parallel with a PVC black jacket to form a 75°C 600 Volt Multi-Conductor Submersible Pump Cable. UL Listed per UL 83 Type THW as Deep Well Submersible Pump Cable.

APPLICATIONS

- For wiring within the casing of deep well submersible water pumps

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STRANDING</th>
<th>INSULATION THICKNESS</th>
<th>JACKET THICKNESS</th>
<th>NOMINAL O.D.</th>
<th>STANDARD PACKAGE</th>
<th>HIPPING WEIGHT -LBS/1000 FT.</th>
<th>PART NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>14/2 with GND</td>
<td>19/.01470</td>
<td>0.045 1.143</td>
<td>0.045 1.143</td>
<td>0.262 x 0.594</td>
<td>6.655 x 15.088</td>
<td>500 or 1000 110 440411.XX.001</td>
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<tr>
<td>14/3 with GND</td>
<td>19/.01470</td>
<td>0.045 1.143</td>
<td>0.045 1.143</td>
<td>0.262 x 0.762</td>
<td>6.655 x 19.355</td>
<td>500 or 1000 136 440211.XX.001</td>
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</tr>
<tr>
<td>12/2 with GND</td>
<td>19/.01850</td>
<td>0.045 1.143</td>
<td>0.045 1.143</td>
<td>0.271 x 0.680</td>
<td>6.883 x 17.272</td>
<td>500 or 1000 143 440412.XX.001</td>
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<tr>
<td>12/3 with GND</td>
<td>19/.01850</td>
<td>0.045 1.143</td>
<td>0.045 1.143</td>
<td>0.275 x 0.840</td>
<td>6.985 x 21.336</td>
<td>500 or 1000 187 440212.XX.001</td>
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<tr>
<td>10/2 with GND</td>
<td>19/.02340</td>
<td>0.045 1.143</td>
<td>0.045 1.143</td>
<td>0.314 x 0.754</td>
<td>7.976 x 19.152</td>
<td>500 or 1000 200 440413.XX.001</td>
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<tr>
<td>10/3 with GND</td>
<td>19/.02340</td>
<td>0.045 1.143</td>
<td>0.045 1.143</td>
<td>0.314 x 0.988</td>
<td>7.976 x 25.095</td>
<td>500 or 1000 267 440213.XX.001</td>
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</tr>
<tr>
<td>8/3 with #10 GND</td>
<td>19/.02950 (#8 ga) – 19/.02340 (#10 ga)</td>
<td>0.060 1.524</td>
<td>0.050 1.27</td>
<td>0.375 x 1.135</td>
<td>9.525 x 28.829</td>
<td>500 or 1000 394 440214.XX.001</td>
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<tr>
<td>6/3 with #8 GND</td>
<td>19/.03720 (#6 ga) – 19/.02950 (#8 ga)</td>
<td>0.060 1.524</td>
<td>0.050 1.27</td>
<td>0.410 x 1.320</td>
<td>10.414 x 33.528</td>
<td>500 or 1000 560 440215.XX.001</td>
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<tr>
<td>4/3 with #8 GND</td>
<td>19/.04690 (#4 ga) – 19/.02950 (#8 ga)</td>
<td>0.060 1.524</td>
<td>0.050 1.27</td>
<td>0.468 x 1.465</td>
<td>11.887 x 37.211</td>
<td>500 or 1000 744 440216.XX.001</td>
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<tr>
<td>2/3 with #6 GND</td>
<td>19/.05910 (#2 ga) – 19/.03720 (#6 ga)</td>
<td>0.060 1.651</td>
<td>0.065 1.27</td>
<td>0.564 x 1.731</td>
<td>14.326 x 43.967</td>
<td>500 or 1000 1072 440217.XX.001</td>
<td></td>
</tr>
</tbody>
</table>
FLAT PARALLEL SUBMERSIBLE PUMP CABLE

FEATURES
- Operating temperature range -40° C to 75° C
- Resistant to acid, abrasion, alkalis, flame, gas, and oil
- Water and sunlight resistant
- Cable is sequentially marked
- Special packaging is available upon request

APPLICATIONS
- For wiring within the casing of deep well submersible water pumps

CONSTRUCTION
Annealed bare stranded copper conductors insulated with PVC in a flat parallel construction to form a 75°C 600 Volt Multi-Conductor Submersible Pump Cable. UL Listed per UL 83 Type THW as Deep Well Submersible Pump Cable.

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STRANDING</th>
<th>INSULATION THICKNESS</th>
<th>NOMINAL O.D.</th>
<th>STANDARD PACKAGE</th>
<th>SHIPPING WEIGHT</th>
<th>PART NUMBER</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
<td>in. mm. min. x maj. in</td>
<td>mm min. x maj. mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14/2 with GND</td>
<td>7/.0242”</td>
<td>0.045 1.143</td>
<td>0.166 x 0.588</td>
<td>4.213 x 14.935</td>
<td>500 or 1000</td>
<td>77</td>
</tr>
<tr>
<td>14/3 with GND</td>
<td>7/.0242”</td>
<td>0.045 1.143</td>
<td>0.166 x 0.769</td>
<td>4.213 x 19.533</td>
<td>500 or 1000</td>
<td>92</td>
</tr>
<tr>
<td>12/2 with GND</td>
<td>7/.0305”</td>
<td>0.045 1.143</td>
<td>0.190 x 0.610</td>
<td>4.826 x 15.494</td>
<td>500 or 1000</td>
<td>104</td>
</tr>
<tr>
<td>12/3 with GND</td>
<td>7/.0305”</td>
<td>0.045 1.143</td>
<td>0.190 x 0.815</td>
<td>4.826 x 20.701</td>
<td>500 or 1000</td>
<td>139</td>
</tr>
<tr>
<td>10/2 with GND</td>
<td>7/.0385”</td>
<td>0.045 1.143</td>
<td>0.215 x 0.685</td>
<td>5.461 x 17.399</td>
<td>500 or 1000</td>
<td>151</td>
</tr>
<tr>
<td>10/3 with GND</td>
<td>7/.0385”</td>
<td>0.045 1.143</td>
<td>0.215 x 0.920</td>
<td>5.461 x 23.368</td>
<td>500 or 1000</td>
<td>198</td>
</tr>
<tr>
<td>8/2 with #10 GND</td>
<td>19/.0295” – 7/.0385”</td>
<td>0.060 1.524</td>
<td>0.279 x 0.873</td>
<td>7.087 x 22.174</td>
<td>500 or 1000</td>
<td>197</td>
</tr>
<tr>
<td>8/3 with #10 GND</td>
<td>19/.0295” – 7/.0385”</td>
<td>0.060 1.524</td>
<td>0.279 x 1.237</td>
<td>7.087 x 31.420</td>
<td>500 or 1000</td>
<td>289</td>
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<tr>
<td>6/3 with #8 GND</td>
<td>19/.0372” – 19/.0295”</td>
<td>0.060 1.524</td>
<td>0.320 x 1.357</td>
<td>8.128 x 34.468</td>
<td>500 or 1000</td>
<td>428</td>
</tr>
<tr>
<td>4/3 with #8 GND</td>
<td>19/.0469” – 19/.0295”</td>
<td>0.060 1.524</td>
<td>0.370 x 1.550</td>
<td>9.398 x 39.37</td>
<td>500 or 1000</td>
<td>637</td>
</tr>
</tbody>
</table>

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RoHS: Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended).

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MADE IN USA

RoHS: Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended).
**TWISTED PVC SUBMERSIBLE PUMP CABLE**

**FEATURES**
- Operating temperature range -40° C to 75° C
- Resistant to acid, abrasion, alkalis, flame, gas, and oil
- Water and sunlight resistant
- Special packaging is available upon request

**CONSTRUCTION**
Annealed bare solid or stranded copper conductors insulated with PVC and twisted to form a 75°C 600 Volt Multi-Conductor Submersible Pump Cable. UL Listed per UL 83 Type THW as Deep Well Submersible Pump Cable.

**APPLICATIONS**
- For wiring within the casing of deep well submersible water pumps

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**GUAGE** | **STRANDING** | **INSULATION THICKNESS** | **TWISTED NOMINAL O.D.** | **STANDARD PACKAGE** | **SHIPPING WEIGHT -LBS/1000 FT.** | **PART NUMBER**
---|---|---|---|---|---|---
14/2 with GND | Solid/.0641” | 0.045 | 1.143 | 0.339 | 8.611 | 500 or 1000 | 67 | 440011.XX.999
14/3 with GND | Solid/.0641” | 0.045 | 1.143 | 0.380 | 9.652 | 500 or 1000 | 89 | 440012.XX.999
12/2 with GND | Solid/.0808” | 0.045 | 1.143 | 0.369 | 9.373 | 500 or 1000 | 94 | 440013.XX.999
12/3 with GND | Solid/.0808” | 0.045 | 1.143 | 0.414 | 10.516 | 500 or 1000 | 125 | 440014.XX.999
10/2 with GND | Solid/.1019” | 0.045 | 1.143 | 0.421 | 10.693 | 500 or 1000 | 136 | 440015.XX.999
10/3 with GND | Solid/.1019” | 0.045 | 1.143 | 0.472 | 11.989 | 500 or 1000 | 182 | 440016.XX.999
8/2 with #10 GND | 19/.0295” – solid (.1019”) | 0.060 | 1.524 | 0.538 | 13.665 | 500 or 1000 | 197 | 440017.XX.999
8/3 with #10 GND | 19/.0295” – solid (.1019”) | 0.060 | 1.524 | 0.608 | 15.443 | 500 or 1000 | 273 | 440018.XX.999
6/3 with #8 GND | 19/.0372” – 19/.0295” | 0.060 | 1.524 | 0.728 | 18.491 | 500 or 1000 | 413 | 440019.XX.999
4/3 with #8 GND | 19/.0469” – 19/.0295” | 0.060 | 1.524 | 0.819 | 20.803 | 500 or 1000 | 584 | 440020.XX.999

Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate.
ICE BLUE JACKETED SUBMERSIBLE PUMP CABLE

FEATURES
- Operating temperature range -65° C to 90° C
- Resistant to acid, abrasion, alkalis, gas, and oil
- Water and sunlight resistant
- Cable is sequentially marked
- Special packaging is available upon request

APPLICATIONS
- For wiring within the casing of deep well submersible water pumps

CONSTRUCTION
Annealed bare stranded copper conductors run parallel with TPE insulation and blue jacket to form a 90°C Dry 75°C Wet 600 Volt Multi-Conductor Submersible Pump Cable. UL Listed as Deep Well Submersible Pump Cable.

APPLICATIONS
- For wiring within the casing of deep well submersible water pumps

GAUGE | STRANDING | INSULATION THICKNESS | JACKET THICKNESS | NOMINAL O.D. | STANDARD PACKAGE | SHIPPING WEIGHT -LBS/1000 FT. | SHIPPING WEIGHT -LBS/1000 FT.
--- | --- | --- | --- | --- | --- | --- | ---
12/2 with GND | 65/.010" | 0.030 | 7.62 | 0.030 | 7.62 | 0.225 x 0.528 | 5.715 x 13.411 | 500 or 1000 | 93 | 450005.XX.017
12/3 with GND | 65/.010" | 0.030 | 7.62 | 0.030 | 7.62 | 0.224 x 0.692 | 5.689 x 17.577 | 500 or 1000 | 121 | 450006.XX.017
10/2 with GND | 105/.010" | 0.030 | 7.62 | 0.030 | 7.62 | 0.265 x 0.610 | 6.731 x 15.494 | 500 or 1000 | 137 | 450008.XX.017
10/3 with GND | 105/.010" | 0.030 | 7.62 | 0.030 | 7.62 | 0.250 x 0.796 | 6.35 x 20.218 | 500 or 1000 | 188 | 450009.XX.017
8/3 with #10 GND | 19/.0295" – 19/.0234" | 0.045 (#8 ga) 0.030 (#10 ga) | 1.143 7.62 | 0.040 1.016 | 0.330 x 0.987 | 8.382 x 25.069 | 500 or 1000 | 287 | 450014.XX.017

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RoHS: Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended).
FEATURES
- Operating temperature range -25° C to 60° C
- Direct burial
- Sunlight resistant
- Water and sunlight resistant
- Special packaging is available upon request

CONSTRUCTION
Annealed bare copper insulated with high grade PVC. UL listed for use in underground feeder and branch circuits. Temperature rating -25° C to 60° C 600 Volts. Meets the requirements of UL 493 and UL-83.

APPLICATIONS
- For all usages defined in Articles 340 of the National Electrical Code (NEC), interior wiring in wet, dry or corrosive locations at temperatures not to exceed 90°C (with ampacity limited to that for 60°C conductors) specified by the NEC, and any application requiring direct sun, underground usage, or direct burial.

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<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STRANDING</th>
<th>INSULATION THICKNESS</th>
<th>NOMINAL O.D.</th>
<th>STANDARD PACKAGE</th>
<th>SHIPPING WEIGHT -LBS/1000 FT.</th>
<th>PART NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>14/2 with GND</td>
<td>Solid</td>
<td>0.015 0.381 0.004 0.10</td>
<td>0.185 x 0.385 4.699 x 9.779</td>
<td>250/500/1000</td>
<td>53</td>
<td>460011.XX.010</td>
</tr>
<tr>
<td>14/3 with GND</td>
<td>Solid</td>
<td>0.015 0.381 0.004 0.10</td>
<td>0.185 x 0.575 4.699 x 14.61</td>
<td>250/500/1000</td>
<td>93</td>
<td>460012.XX.010</td>
</tr>
<tr>
<td>12/2 with GND</td>
<td>Solid</td>
<td>0.015 0.381 0.004 0.10</td>
<td>0.195 x 0.415 4.953 x 10.54</td>
<td>250/500/1000</td>
<td>75</td>
<td>460013.XX.010</td>
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<tr>
<td>12/3 with GND</td>
<td>Solid</td>
<td>0.015 0.381 0.004 0.10</td>
<td>0.195 x 0.620 4.953 x 15.75</td>
<td>250/500/1000</td>
<td>134</td>
<td>460014.XX.010</td>
</tr>
<tr>
<td>10/2 with GND</td>
<td>Solid</td>
<td>0.020 0.508 0.004 0.10</td>
<td>0.230 x 0.460 5.842 x 11.68</td>
<td>250/500/1000</td>
<td>140</td>
<td>460015.XX.010</td>
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<tr>
<td>10/3 with GND</td>
<td>Solid</td>
<td>0.020 0.508 0.004 0.10</td>
<td>0.230 x 0.690 5.842 x 17.53</td>
<td>250/500/1000</td>
<td>194</td>
<td>460016.XX.010</td>
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<tr>
<td>8/2 with #10 GND</td>
<td>7 Strand</td>
<td>0.030 7.62 0.005 0.127</td>
<td>0.320 x 0.620 8.128 x 15.75</td>
<td>500/1000</td>
<td>213</td>
<td>460017.XX.010</td>
</tr>
<tr>
<td>8/3 with #10 GND</td>
<td>7 Strand</td>
<td>0.030 7.62 0.005 0.127</td>
<td>0.320 x 0.990 8.128 x 25.15</td>
<td>500/1000</td>
<td>330</td>
<td>460018.XX.010</td>
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<tr>
<td>6/2 with #10 GND</td>
<td>7 Strand</td>
<td>0.030 7.62 0.005 0.127</td>
<td>0.385 x 0.800 9.779 x 20.32</td>
<td>500/1000</td>
<td>305</td>
<td>460019.XX.010</td>
</tr>
<tr>
<td>6/3 with #10 GND</td>
<td>7 Strand</td>
<td>0.030 7.62 0.005 0.127</td>
<td>0.385 x 1.200 9.779 x 30.48</td>
<td>500/1000</td>
<td>449</td>
<td>460020.XX.010</td>
</tr>
</tbody>
</table>

Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate.
TAILORED SOLUTIONS

Full service manufacturing & value-add capabilities to meet your needs.

- 24-hour shipping
- Coast-to-coast inventory
- Sequentially marked cable
- Custom packaging & print capabilities
UNMATCHED QUALITY

Knowledge and expertise with +30 years of industry leadership and service to the well water, oil and gas markets.

Responsive copper management
Controlled vertical integration
Quality assured shop floor control
  - ISO
  - UL
  - RoHS
Best in class audit performance
CUSTOM COLLATERAL
Selling tools tailor-made to the needs of our valued partners

Product data sheets to highlight product specifications and performance features

Display boards with removable pump cable samples to showcase in retail locations

FLAT PARALLEL SUBMERSIBLE PUMP CABLE

FEATURES
– Operating temperature range -40° C to 75° C
– Resistant to acid, abrasion, alkalis, flame, gas, and oil
– Water and sunlight resistant
– Cable is sequentially marked
– Special packaging is available upon request

APPLICATIONS
– For wiring within the casing of deep well submersible water pumps

CONSTRUCTION
Annealed bare stranded copper conductors
insulated with PVC in a flat parallel construction
to form a 75°C 600 Volt Multi-Conductor Submersible Pump Cable. UL Listed per UL 83 Type THW as Deep Well Submersible Pump Cable.

BK/FP/3.20

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ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED
MADE IN THE USA
LISTED
RoHS:
Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended).

HD JACKETED SUBMERSIBLE PUMP CABLE

FEATURES
– Operating temperature range -40° C to 75° C
– Resistant to acid, abrasion, alkalis, flame, gas, and oil
– Water and sunlight resistant
– Cable is sequentially marked
– Special packaging is available upon request

APPLICATIONS
– For wiring within the casing of deep well submersible water pumps

CONSTRUCTION
Annealed bare stranded copper conductors PVC insulated and run parallel with a PVC black jacket to form a 75°C 600 Volt Multi-Conductor Submersible Pump Cable. UL Listed per UL 83 Type THW as Deep Well Submersible Pump Cable.

BK/HD/3.20

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ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED
MADE IN THE USA
LISTED
RoHS:
Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended).
Locations

Kalas has facilities around the country; from Denver & Lancaster, PA to warehouses in the central and western states. With four manufacturing facilities, two value-add locations, a corporate head quarters and a conference center, Kalas is able to ensure integration during all stages of the production process, offer customers superior service & a wide range of capabilities.

CORPORATE OFFICES & MAILING ADDRESS
167 Greenfield Road, Lancaster, PA 17601
Corporate offices and Engineered Cable Products Division

KALAS CORPORATE (KC)
80 Denver Road, Denver, PA 17517
Velocity center and corporate offices

PLANT #1 (K1)
25 Main Street, Denver, PA 17517
Large gauge cut & strip

PLANT #2 (K2)
86 Denver Road, Denver, PA 17517
Insulation extrusion value-add assemblies

CONFERENCE CENTER
20 Main Street, Denver, PA 17517
Corporate meeting space

ADDITIONAL WAREHOUSE LOCATIONS

Tulsa Warehouse
1810 East Jasper St.
Tulsa, Oklahoma 74110

Las Vegas Warehouse
4320 North Lamb Blvd.
Suite 300
Las Vegas, Nevada 89115
PRODUCTS AT A GLANCE

Products listed are common Kalas products; other products are available upon request. Please contact sales or customer service for your special requests.

MACHINE TOOL WIRE (MTW), COIL LEAD, TEW & TR

<table>
<thead>
<tr>
<th>COIL LEAD</th>
<th>MTW</th>
<th>TEW</th>
<th>TR32</th>
<th>TR64</th>
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<tbody>
<tr>
<td>WIRE CL125</td>
<td>PVC 90°C</td>
<td>PVC 105°C</td>
<td>PVC 90°C</td>
<td>PVC 90°C</td>
</tr>
<tr>
<td>XLPE 125°C</td>
<td>600 Volts</td>
<td>600 Volts</td>
<td>1400 Volts</td>
<td>600 Volts</td>
</tr>
<tr>
<td>600 Volts</td>
<td>#18 – 500 MCM</td>
<td>#18 – 500 MCM</td>
<td>#18 – 10</td>
<td>#18 – 14</td>
</tr>
<tr>
<td>18 AWG – 4/0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

APPLIANCE WIRE (AWM)

<table>
<thead>
<tr>
<th>PVC AWM UL</th>
<th>XLPE AWM UL</th>
</tr>
</thead>
<tbody>
<tr>
<td>80°C or 105°C</td>
<td>125°C</td>
</tr>
<tr>
<td>300, 600 or 1000 Volts</td>
<td>600 Volts</td>
</tr>
<tr>
<td>Moisture Resistant</td>
<td>18 AWG – 4/0</td>
</tr>
<tr>
<td>Flat or Round Multiple Conductor</td>
<td></td>
</tr>
<tr>
<td>Also available</td>
<td></td>
</tr>
<tr>
<td>18 AWG – 500 MCM</td>
<td></td>
</tr>
</tbody>
</table>

MISCELLANEOUS

<table>
<thead>
<tr>
<th>GROUNDING CABLE</th>
<th>LANDSCAPE LIGHTING</th>
<th>TRANSFORMER LEAD WIRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC or TPE</td>
<td>PVC 60°C</td>
<td>PVC 105°C</td>
</tr>
<tr>
<td>-50°C – 90°C</td>
<td>-25°C</td>
<td>14 – 4/0 gauge</td>
</tr>
<tr>
<td>600 Volts</td>
<td>150 Volts</td>
<td></td>
</tr>
<tr>
<td>2 – 4/0 gauge</td>
<td>Sunlight Resistant</td>
<td></td>
</tr>
<tr>
<td>TRACER (UL)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyethylene</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30 or 600 Volts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bare Copper 16 – 14 AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10-14 AWG</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SUBMERSIBLE PUMP CABLE

<table>
<thead>
<tr>
<th>PVC FLAT PARALLEL PUMP WITH GROUND*</th>
<th>PVC TWISTED PUMP WITH GROUND*</th>
<th>TPE PUMP CABLE JACKETED (ICE BLUE)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>75°C Dry 75° Wet 600 Volts</td>
<td>75°C Dry 75° Wet 600 Volts</td>
<td>TPE 90°C Dry 75°C Wet</td>
</tr>
<tr>
<td>14 – 10 AWG 2 or 3 conductor with ground</td>
<td>14 – 10 AWG 2 or 3 conductor with ground</td>
<td>Low Temperature Rating -65°C</td>
</tr>
<tr>
<td>8 AWG 3 conductor with # 10 ground</td>
<td>8 AWG 3 conductor with # 10 ground</td>
<td>600 Volts</td>
</tr>
<tr>
<td>6 – 4 AWG 3 conductor with # 8 ground</td>
<td>6 – 4 AWG 3 conductor with # 8 ground</td>
<td>12/2 12/3 10/2 10/3 all with ground</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8/3 with # 10 ground</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PVC FLAT HEAVY DUTY PUMP WITH GROUND*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>75°C Dry 75° Wet 600 Volts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14 – 10 AWG 2 or 3 conductor with ground</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 AWG 3 conductor with # 10 ground</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 – 4 AWG 3 conductor with # 8 ground</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/0 / 2/0 3 conductor with #6 ground</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

INDUSTRIAL POWER

<table>
<thead>
<tr>
<th>TOUGHFLEX™ EPDM WELDING CABLE*</th>
<th>FLEXWHIP™ WELDING CABLE</th>
<th>PORTABLE POWER CABLE PPC/PPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPDM Rubber</td>
<td>EPDM Rubber</td>
<td>TPE</td>
</tr>
<tr>
<td>-50°C to 105°C</td>
<td>-50°C to 105°C</td>
<td>-40°C to 90°C Dry, 75°C Wet</td>
</tr>
<tr>
<td>600 Volts</td>
<td>600 Volts</td>
<td>2000 Volts</td>
</tr>
<tr>
<td>#2 – 2/0</td>
<td>#8 – 300 MCM</td>
<td>#8 – 300 MCM</td>
</tr>
<tr>
<td></td>
<td>UL MSHA, c(UL)</td>
<td>UL MSHA, c(UL)</td>
</tr>
<tr>
<td>GENFLEX™ TYPE SC ENTERTAINMENT CABLE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CPE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-50°C to 105°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>600 Volts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>#8 – 4/0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NEC 520, 525, 530</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UL 1680, CSA CPC 22.2 - 96, c(UL)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GENFLEX™ TYPE W PORTABLE POWER CABLE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CPE Jacket, EDPM insulation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-40°C to 90°C Dry, 90°C Wet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000 Volts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>#8 – 4/0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NEC 400, NFPA 70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>UL 1650, CSA CPC 22.2 - 96</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSHA Flame Test</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunlight Resistant</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

UL K-90 WELDING CABLE

<table>
<thead>
<tr>
<th>PVC / Nitrile Rubber</th>
<th>PVC / Nitrile Rubber</th>
</tr>
</thead>
<tbody>
<tr>
<td>-35°C to 90°C</td>
<td>-35°C to 90°C</td>
</tr>
<tr>
<td>90°C</td>
<td>90°C</td>
</tr>
<tr>
<td>#6 – 4/0</td>
<td>#6 – 4/0</td>
</tr>
</tbody>
</table>

SINGLE-CONDUCTOR, THERMOPLASTIC INSULATION

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>MATERIAL</th>
<th>TEMPERATURE RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC AWM UL</td>
<td>PVC</td>
<td>60°C – 105°C</td>
</tr>
<tr>
<td>XLPE AWM UL</td>
<td>XLPE</td>
<td>125°C</td>
</tr>
</tbody>
</table>

MULTIPLE-CONDUCTOR, THERMOPLASTIC INSULATION

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>MATERIAL</th>
<th>TEMPERATURE RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC AWM CSA</td>
<td>PVC</td>
<td>60°C – 105°C</td>
</tr>
</tbody>
</table>

PORTABLE POWER CABLE PPC/PPE

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>MATERIAL</th>
<th>TEMPERATURE RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRANSMITTER LEAD WIRE</td>
<td>PVC</td>
<td>60°C – 105°C</td>
</tr>
</tbody>
</table>

SINGLE-CONDUCTOR, THERMOPLASTIC INSULATION

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>MATERIAL</th>
<th>TEMPERATURE RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SINGLE-CONDUCTOR, THERMOPLASTIC INSULATION</td>
<td>PVC</td>
<td>60°C – 105°C</td>
</tr>
</tbody>
</table>

KALAS MAILING ADDRESS

167 Greenfield Road
Lancaster, PA 17601

KALAS WIRE ADDRESS

4320 North Lamb Blvd.
Suite 300,
Las Vegas, Nevada 89115

TULSA WAREHOUSE

1810 East Jasper St.
Tulsa, Oklahoma 74110

UL LISTED

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.
## Products at a Glance

Products listed are common Kalas products; other products are available upon request. Please contact sales or customer service for your special requests.

### Automotive

#### Auto Duplex
- Inner Conductors: PVC 80°C - 105°C, XLPE 125°C
- Jacket: PVC 80°C - 105°C
- Gauge: 18/2 – 10/2

#### Auto Triplex
- Inner Conductors: PVC 80°C - 105°C, XLPE 125°C
- Jacket: PVC 80°C - 105°C
- Gauge: 18/3 – 10/3

#### Auto Quadruplex
- Inner Conductors: PVC 80°C - 105°C, XLPE 125°C
- Jacket: PVC 80°C - 105°C
- Gauge: 16/4, 14/4, 12/4

#### Booster Duplex Cable
- PVC or TPE up to 105°C
- Gauge: 6/2 – 1/0-2

#### Primary Wire 60 Volts DC
- Inner Conductors: PVC 80°C or 105°C, XLPE 125°C
- Jacket: PVC 80°C - 105°C
- Gauge: 18 – 8

#### Multiple Conductor Trailer Cable
- Inner Conductors: PVC 80°C or 105°C
- Jacket: PVC or TPE
- Gauge: 80°C or 105°C
- Mixed gauges; Made to customer specifications; No Kalas standard

### Construction Wire

#### Cathodic Protection Cable
- High Molecular Weight
- Linear Low Density Polyethylene
- Temperature: 75°C
- Voltage: 600 Volts
- Available as UL Listed or non UL
  - 14 gauge – 4/0

#### Cathodic Protection Cable with Halal
- High Molecular Weight
- Linear Low Density Polyethylene
- Temperature: 75°C
- Voltage: 600 Volts
- 2 – 8 gauge

#### Switchboard Wire sis UL and CSA
- SIS 90°C Dry
- Voltage: 600 Volts
- 14 AWG – 4/0

#### THW Single Conductor
- PVC 75°C Dry 75°C Wet
- Voltage: 600 Volts
- 14 AWG – 4/0

#### UF-B with Ground
- PVC/Nylon Conductors with PVC Jacket
- Sunlight Resistant 90°C
- Voltage: 600 Volts
- 14 – 6 AWG

#### XHHW-2 90°C Wet 90°C Dry
- Voltage: 600 Volts
- 12 AWG – 4/0
- 10 AWG and larger VW-1

### Flexible Cord

#### Extra Hard Service Cord PVC
- ST, STO, STO0, STW, STOW, STOOW
- PVC Jacket, PVC Inners
- 60°C or 105°C -40°C
- Voltage: 600 Volts
- Also available with greater than 4 conductors

#### Hard Service Cord PVC
- SJT, SJTO, SJTOO, SJTW, SJTOW, SJTOOW
- PVC Jacket, PVC Inners
- 125°C
- 600 Volts
- Also available with greater than 4 conductors

#### Hard Service Cord
- SJE, SJE0, SJE00, SJE0W, SJEOOW
- TPE Jacket, PVC Inners
- 125°C
- 600 Volts
- Also available with greater than 4 conductors

#### Vacuum Cleaner Cord
- SVT
- PVC
- 60°C or 105°C
- 300 Volts
- 18/3 – 16/3 AWG
- 18/2 – 16/2 AWG

### Marine / Recreation

#### Boat Cable Single Conductor
- PVC 75°C Dry 75° Wet (BCSW2)
- Voltage: 600 Volts
- 16 AWG – 4/0

#### Boat Cable Multi-Conductor Flat
- PVC 75°C Dry 75° Wet (BCSW2)
- Voltage: 600 Volts
- 18 – 6 AWG, 2-3 conductors

#### Boat Cable Multi-Conductor Round
- PVC 105°C Dry 75° Wet (BCSW2)
- Voltage: 600 Volts
- 18 – 1 AWG
- Contact Sales for # of conductor’s

#### Marine Battery Cable SGT
- SAE J1127
- PVC 105°C -40°C
- 60 Volts DC
- 6 gauge – 4/0

#### Marine Primary Wire GPT
- SAE J1128
- PVC 105°C -40°C
- 60 Volts DC
- 18 – 8 gauge

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**RoHS:** Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended).

Specifications contained herein reflect current data and are subject to change.