WIRE & CABLE
OVER A HALF CENTURY OF EXPERTISE
Fully Integrated Manufacturer
COPPER WIRE & CABLE
Manufacturing Expertise for Over 60 Years
QUALITY. CHARACTER. TRUST.
MADE TO ORDER

• AUTOMOTIVE TRAILER CABLE
• AWM, MTW, TEW
• BOOSTER CABLE
• FLEXIBLE CORD (PVC & TPE)
• GROUNDING CABLE (PVC & TPE)
• MARINE BOAT CABLE (UL 1426 SINGLE & MULTI)
• PRIMARY WIRE (GPT)
• SC CABLE
• SGR BATTERY CABLE 140°C
• SGT BATTERY CABLE 105°C
• THW/THW-2
• TRANSFORMER LEAD
• TYPE W
• WELDING CABLE COLORS (TOUGHFLEX™, #6-4/0)

STOCKED

• CATHODIC PROTECTION CABLE
• PUMP CABLE
• SGT BATTERY CABLE 80°C (BLACK & RED, #6-4/0)
• SGX BATTERY (BLACK & RED, #6-4/0), *3/0 is made to order
• UL SGR BATTERY CABLE 105°C (BLACK, #6-4/0)
• TOUGHFLEX WELDING CABLE (BLACK & RED, #6-4/0), BLACK 250MCM
• ORANGE FLEXWHIP WELDING CABLE (#2-2/0)

AND MORE!

Made to order and stocked parts subject to change based on business needs.
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), TEW & TR

<table>
<thead>
<tr>
<th>MTW</th>
<th>TEW</th>
<th>TR32</th>
<th>TR64</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC 90°C</td>
<td>PVC 105°C</td>
<td>PVC 90°C</td>
<td>PVC 90°C</td>
</tr>
<tr>
<td>600 Volts</td>
<td>600 Volts</td>
<td>1400 Volts</td>
<td>600 Volts</td>
</tr>
<tr>
<td>#18 – 500 MCM</td>
<td>#18 – 500 MCM</td>
<td>#18 – #10</td>
<td>#18 – #14</td>
</tr>
</tbody>
</table>

UTILITY

GROUNDING CABLE
PVC or TPE
-50°C to 90°C
600 Volts
2 – 4/0 gauge

JUMPER CABLE
EPR (Thermoset Ethylene-Propylene Rubber)
2ga, 1/0, 2/0, 4/0 15kV
-25°C to 105°C
EPDM Rubber
Toughflex

PVC FLAT PARALLEL PUMP WITH GROUND
75°C Dry 75° Wet 600 Volts
14 – 10 AWG 2 or 3 conductor with ground
8 AWG 2 or 3 conductor with # 10 ground
6 – 4 AWG 3 conductor with # 8 ground

PVC FLAT HEAVY DUTY PUMP WITH GROUND
75°C Dry 75° Wet 600 Volts
14 – 10 AWG 2 or 3 conductor with ground
8 AWG 3 conductor with # 10 ground
6 – 4 AWG 3 conductor with # 8 ground

SUBMERSIBLE PUMP CABLE

PVC FLAT PARALLEL PUMP WITH GROUND
75°C Dry 75° Wet 600 Volts
14 – 10 AWG 2 or 3 conductor with ground
8 AWG 2 or 3 conductor with # 10 ground
6 – 4 AWG 3 conductor with # 8 ground

PVC TWISTED PUMP WITH GROUND
75°C Dry 75° Wet 600 Volts
14 – 10 AWG 2 or 3 conductor with ground
8 AWG 2 or 3 conductor with # 10 ground
6 – 4 AWG 3 conductor with # 8 ground

TRANSFORMER LEAD WIRE
PVC 105°
14 – 4/0 gauge

MICROFLEX™ WELDING CABLE

FLEXWHIP™ WELDING CABLE
EPDM Rubber
-50°C to 105°C
600 Volts
#2 – 2/0

PORTABLE POWER CABLE PPC/PPE
TPE
-40°C to 90°C Dry, 75°C Wet
2000 Volts
#8 – 500 MCM
UL MSHA, c(UL)

RUBBER CABLE

RUBBER CABLE 18 AWG – 500 MCM

PVC AWM UL
80°C or 105°C
300, 600 or 1000 Volts
Moisture Resistant
Flat or Round Multiple Conductor
Also available
18 AWG – 500 MCM

PVC AWM CSA
60°C – 105°C Dry 75°C Wet
300 or 600 Volts
Class I & II Group A & B
Moisture and Oil Resistant available
18 AWG – 500 MCM

SINGLE-CONDUCTOR, THERMOPLASTIC INSULATION

MULTIPLE-CONDUCTOR, THERMOPLASTIC INSULATION

SINGLE-CONDUCTOR, THERMOSET INSULATION

PORTABLE POWER CABLE SGT
Marine Battery
500 Volts DC
Meets SAE J1128
UL SGR 105°C (UL4127)

BATTERY CABLE 60 VOLTS DC
6 gauge – 4/0
60°C or 105°C -40°C
TPE Jacket, PVC Inners

PRIMARY WIRE 60 VOLTS DC
4 conductors
Also available with greater than
18 – 4 AWG; 2-4 conductors.
60°C or 105°C -40°C
PVC Jacket, PVC Inners

SPECIAL CONDUCTOR THERMOPLASTIC INSULATION

Jacket
Inner Conductors

APPLIANCE WIRE (AWM)

PVC AWM UL
600 Volts
PVC 90°C

PVC AWM CSA
600 Volts
PVC 90°C

INDUSTRIAL POWER

TOUGHFLEX™ EDPM WELDING CABLE
EPDM Rubber
-50°C to 105°C
600 Volts
#8 – 4/0
NEC 520, 525, 530
UL 1680, CSA CPC 22.2 - 96, c(UL)

GENFLEX™ TYPE SC ENTERTAINMENT CABLE
CPE
-50°C to 105°C
600 Volts
#8 – 4/0
NEC 520, 525, 530
UL 1680, CSA CPC 22.2 - 96
MSHA Flame Test

GENFLEX™ TYPE W PORTABLE POWER CABLE
CPE, Jacket, EPDM insulation
-40°C to 90°C Dry, 90°C Wet
2000 Volts
#8 – 4/0
N EC 400, NFPA 70
UL 1650, CSA CPC 22.2 - 96
MSHA Flame Test
Sunlight Resistant

FLEXWHIP™ WELDING CABLE
EPDM Rubber
-50°C to 105°C
600 Volts
#2 – 2/0

PORTABLE POWER CABLE PPC/PPE
TPE
-40°C to 90°C Dry, 75°C Wet
2000 Volts
#8 – 500 MCM
UL MSHA, c(UL)

SPECIAL CONDUCTOR THERMOSET INSULATION

SINGLE-CONDUCTOR, THERMOPLASTIC INSULATION

MULTIPLE-CONDUCTOR, THERMOPLASTIC INSULATION

SINGLE-CONDUCTOR, THERMOSET INSULATION

FLEXWHIP™ WELDING CABLE
EPDM Rubber
-50°C to 105°C
600 Volts
#2 – 2/0

PRODUCTS AT A GLANCE

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

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

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM
P 717-336-5575

KALAS WIRE.COM
P 717-336-5575

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

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

UL LISTED

KALAS PRODUCTS AT A GLANCE

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

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

UL LISTED
# 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

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Inner Conductors</th>
<th>Jacket</th>
<th>Gage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto Duplex</td>
<td>PVC 80°C - 105°C</td>
<td>PVC 80°C - 105°C</td>
<td>18/2 – 10/2 gauge</td>
</tr>
<tr>
<td>Auto Triplex</td>
<td>PVC 80°C - 105°C</td>
<td>PVC 80°C - 105°C</td>
<td>18/3 – 10/3 gauge</td>
</tr>
<tr>
<td>Auto Quadruplex</td>
<td>PVC 80°C - 105°C</td>
<td>PVC 80°C - 105°C</td>
<td>16/4, 14/4, 12/4 gauge</td>
</tr>
<tr>
<td>Booster Duplex Cable</td>
<td>PVC or TPE up to 105°C</td>
<td>PVC or TPE or up to 105°C</td>
<td>6/2 – 1/0-2 gauge</td>
</tr>
</tbody>
</table>

## Construction Wire

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Voltages</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cathodic Protection Cable</td>
<td>High Molecular Weight Linear Low Density Polyethylene 75°C 600 Volts</td>
<td>75°C 600</td>
<td>Available as UL Listed or non UL 14 gauge – 4/0</td>
</tr>
<tr>
<td>Cathodic Protection Cable</td>
<td>High Molecular Weight Linear Low Density Polyethylene 75°C 600 Volts</td>
<td>75°C 600</td>
<td>4 – 8 gauge</td>
</tr>
<tr>
<td>THW Single Conductor</td>
<td>PVC 75°C Dry 75°C Wet 600 Volts</td>
<td>75°C 600</td>
<td>14 AWG – 4/0</td>
</tr>
<tr>
<td>Underground Feeder Wire (UF)</td>
<td>PVC Sunlight Resistant 60°C Dry 60°C Wet 600 Volts</td>
<td>60°C 600</td>
<td>14 – 6 AWG</td>
</tr>
</tbody>
</table>

## Marine / Recreation

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Description</th>
<th>Voltages</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery Cable 60 Volts DC</td>
<td>PVC SGT 80°C or 105°C EPDM SGR 105°C or 140°C UL SGR 105°C (UL4127) XLP SGR 125°C</td>
<td>80°C 105</td>
<td>6 gauge – 4/0</td>
</tr>
<tr>
<td>Primary Wire 60 Volts DC</td>
<td>PVC GPT 80°C or 105°C PVC TWP 80°C Meets SAE J1128</td>
<td>80°C 105</td>
<td>18 – 8 gauge</td>
</tr>
<tr>
<td>Multiple Conductor Trailer Cable</td>
<td>Inner Conductors PVC 80°C or 105°C TPE 105°C Low Temperature -40°C Jacket PVC or TPE 80°C or 105°C Low Temperature -40°C</td>
<td>80°C 105</td>
<td>Mixed gauge; Made to customer specifications; No Kalas standard</td>
</tr>
<tr>
<td>Cathodic Protection Cable With Kynar PVDF - Polyvinylidene Fluoride</td>
<td>High Molecular Weight Linear Low Density Polyethylene 75°C 600 Volts</td>
<td>75°C 600</td>
<td>2 – 8 gauge</td>
</tr>
<tr>
<td>Thw Single Conductor</td>
<td>PVC 75°C Dry 75°C Wet 600 Volts</td>
<td>75°C 600</td>
<td>14 AWG – 4/0</td>
</tr>
<tr>
<td>Underground Feeder Wire (UF)</td>
<td>PVC Sunlight Resistant 60°C Dry 60°C Wet 600 Volts</td>
<td>60°C 600</td>
<td>14 – 6 AWG</td>
</tr>
</tbody>
</table>

## Flexible Cord

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Description</th>
<th>Voltages</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>600V Service Cord</td>
<td>ST, STO, STOO, STW, STOW, STOOW PVC Jacket, PVC Inners 60°C or 105°C -40°C 18 – 4 AWG</td>
<td>60°C 105</td>
<td>Also available with greater than 4 conductors</td>
</tr>
<tr>
<td>300V Service Cord</td>
<td>SJ/T, SJ/TO, SJ/TOO, SJ/TW, SJ/TOW, SJ/TOOW PVC Jacket, PVC Inners 60°C or 105°C -40°C 18 – 10 AWG</td>
<td>60°C 105</td>
<td>Also available with greater than 4 conductors</td>
</tr>
<tr>
<td>600V Service Cord</td>
<td>SE, SEO, SEOO, SEW, SEOW, SEOOW TPE Jacket, PVC Inners 105°C -40°C or -50°C 18 – 4 AWG</td>
<td>105°C 50</td>
<td>Also available with greater than 4 conductors</td>
</tr>
<tr>
<td>Vacuum Cleaner Cord</td>
<td>SVT PVC 60°C or 105°C 300 Volts 18/3 – 16/3 AWG 18/2 – 16/2 AWG</td>
<td>60°C 105</td>
<td>Please see Marine and Recreation</td>
</tr>
</tbody>
</table>

## Contact Information

### Kalas Mailing Address
167 Greenfield Road
Lancaster, PA 17601

### Tulsa Warehouse
1810 East Jasper St.
Tulsa, Oklahoma 74110

### KalasWire.com
P 717-336-5575

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

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

FEATURES
- Special stranding and packaging are available upon request
- Oil Resistant
- Resistant to Flame
- Customizable PermaPrint™ indent print that lasts a lifetime and inkjet print are available on all colors & sizes
- Halogen Free, all colors except green
- Cable meets the UL VW-1 flame test outlined in UL1581
- SAE J1127 Stranding

APPLICATIONS
- Secondary voltage resistance welding cable leads
- Temporary power uses
- National Electrical Code article 630 electric welders
- Power supply applications not exceeding 600 volts AC
- Copper meets SAE standards.

CONSTRUCTION
Highly flexible stranded No. 30 bare copper conductor insulated with a high grade RoHS compliant EPDM. A paper separator is utilized to enhance stripability. Maximum conductor operating temperature is 105°C in circuits not exceeding 600 Volts. Minimum temperature rating is -50°C. Class K stranding.

Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate. ISO 9001:2015 CERTIFIED ISO 14001:2015 CERTIFIED RoHS: Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended). MADE IN THE USA
## Toughflex™ Welding 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 - LBS/1000 FT.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
</tr>
<tr>
<td>8</td>
<td>7/24/.010</td>
<td>0.070</td>
<td>1.78</td>
<td>0.300</td>
<td>7.62</td>
</tr>
<tr>
<td>6</td>
<td>7/37/.010</td>
<td>0.060</td>
<td>1.52</td>
<td>0.320</td>
<td>8.13</td>
</tr>
<tr>
<td>4</td>
<td>7/52/.010</td>
<td>0.060</td>
<td>1.52</td>
<td>0.348</td>
<td>8.84</td>
</tr>
<tr>
<td>2</td>
<td>12/52/.010</td>
<td>0.060</td>
<td>1.52</td>
<td>0.420</td>
<td>10.67</td>
</tr>
<tr>
<td>1</td>
<td>12/65/.010</td>
<td>0.080</td>
<td>2.03</td>
<td>0.503</td>
<td>12.78</td>
</tr>
<tr>
<td>1/0</td>
<td>19/52/.010</td>
<td>0.080</td>
<td>2.03</td>
<td>0.533</td>
<td>13.54</td>
</tr>
<tr>
<td>2/0</td>
<td>19/65/.010</td>
<td>0.080</td>
<td>2.03</td>
<td>0.586</td>
<td>14.88</td>
</tr>
<tr>
<td>3/0</td>
<td>19/81/.010</td>
<td>0.080</td>
<td>2.03</td>
<td>0.625</td>
<td>15.88</td>
</tr>
<tr>
<td>4/0</td>
<td>19/106/.010</td>
<td>0.080</td>
<td>2.03</td>
<td>0.720</td>
<td>18.29</td>
</tr>
<tr>
<td>250 MCM</td>
<td>19/133/.010</td>
<td>0.100</td>
<td>2.54</td>
<td>0.815</td>
<td>20.70</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

**KALAS MAILING ADDRESS**
167 Greenfield Road
Lancaster, PA 17601

**TULSA WAREHOUSE**
1810 East Jasper St.
Tulsa, Oklahoma 74110

**KALASWIRE.COM**
P 717-336-5575
FLEXWHIP™ WELDING CABLE

FEATURES
– Special stranding and packaging are available upon request
– Oil resistant
– Resistant to flame
– Custom print available upon request.
– Halogen Free, all colors except green
– Cable meets the UL VW-1 flame test outlined in UL1581
– SAE J1127 Stranding

APPLICATIONS
– Secondary voltage resistance welding cable leads
– Temporary power uses
– National Electrical Code article 630 electric welders
– Power supply applications not exceeding 600 volts AC
– Copper meets SAE standards.

CONSTRUCTION
Highly flexible stranded No. 34 bare copper conductor insulated with a high grade RoHS compliant EPDM. A paper separator is utilized to enhance stripability. Maximum conductor operating temperature is 105°C in circuits not exceeding 600 Volts. Minimum temperature rating is -50°C. Class M stranding.

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

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

MADE IN THE USA
<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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>19/78/34</td>
<td>0.065</td>
<td>1.65</td>
<td>0.424</td>
<td>10.77</td>
</tr>
<tr>
<td>1</td>
<td>19/97/34</td>
<td>0.080</td>
<td>2.03</td>
<td>0.488</td>
<td>12.40</td>
</tr>
<tr>
<td>1/0</td>
<td>19/123/34</td>
<td>0.080</td>
<td>2.03</td>
<td>0.532</td>
<td>13.51</td>
</tr>
<tr>
<td>2/0</td>
<td>37/78/34</td>
<td>0.080</td>
<td>2.03</td>
<td>0.593</td>
<td>15.06</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.
FEATURES
- Resistant to acid, abrasion, alkalis, coolant, diesel fuel, ethanol, flame, gas, ozone, power steering fluid, oil and transmission fluid.
- Meets the Battery Cable requirements of UL 558 paragraph 8.1 item (f) and UL 583 paragraph 12.1 item (f).
- Also available in clear and custom tinted clear colors.
- Special stranding and packaging are available upon request.

APPLICATIONS
- For use between battery terminal & starter and grounding, on boats, buses, cars, lift trucks, RV’s, tractors and trucks.

CONSTRUCTION
SAE SGT Battery Cable 60V DC is constructed with flexible stranded copper conductor. Insulation is a high grade RoHS compliant 80ºC PVC (also available in 105ºC PVC). Kalas SGT Battery Cable is constructed to meet the requirements of SAE J1127.

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>Standard Part #</th>
<th>STRANDING</th>
<th>INSULATION THICKNESS</th>
<th>Nominal O.D.</th>
<th>STANDARD PACKAGE</th>
<th>SHIPPING WEIGHT -LBS/1000 FT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>250130</td>
<td>7/19/.0137</td>
<td>0.060</td>
<td>0.310</td>
<td>500 **</td>
<td>107</td>
</tr>
<tr>
<td>4</td>
<td>250131</td>
<td>7/19/.0170</td>
<td>0.065</td>
<td>0.375</td>
<td>500 **</td>
<td>153</td>
</tr>
<tr>
<td>2</td>
<td>250132</td>
<td>7/19/.0218</td>
<td>0.065</td>
<td>0.438</td>
<td>500 **</td>
<td>248</td>
</tr>
<tr>
<td>1</td>
<td>250133</td>
<td>7/19/.0243</td>
<td>0.065</td>
<td>0.480</td>
<td>500 **</td>
<td>308</td>
</tr>
<tr>
<td>1/0</td>
<td>250134</td>
<td>19/7/.0275</td>
<td>0.065</td>
<td>0.525</td>
<td>500 **</td>
<td>383</td>
</tr>
<tr>
<td>2/0</td>
<td>250135</td>
<td>19/7/.0309</td>
<td>0.065</td>
<td>0.575</td>
<td>500 **</td>
<td>470</td>
</tr>
<tr>
<td>3/0*</td>
<td>300106</td>
<td>19/84/.010</td>
<td>0.078</td>
<td>0.641</td>
<td>N/A**</td>
<td>578</td>
</tr>
<tr>
<td>4/0*</td>
<td>300105</td>
<td>19/109/.010</td>
<td>0.078</td>
<td>0.711</td>
<td>N/A**</td>
<td>745</td>
</tr>
</tbody>
</table>

*105°C insulation operating temperature.
** Stock available in black and red

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

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

MADE IN THE USA
SGR BATTERY CABLE

APPLICATION:
- For use between battery terminal, starter and grounding on boats, buses, cars, lift trucks, RVs, tractors and trucks.
- Approved for use in electric battery powered industrial trucks (standard UL-583) and industrial trucks, industrial combustion engine powered (standard UL-558).

RESISTANT TO:
- Acid
- Oil
- Diesel Fuel
- Ethanol
- Flame
- Gas
- Transmission Fluid
- Abrasion
- Alkalis
- Power Steering Fluid

CUSTOM OPTIONS:
Personalized print, company logo, special stranding and custom packaging available upon request.

PRODUCT SPECIFICATIONS:
- Made from highly flexible Class K copper strand
- Annealed 30 (.010") gauge bare copper conductor
- Durable EPDM jacket resists cuts, tears, abrasion
- Approved for use in electric battery powered industrial trucks (standard UL-583) and industrial combustion engine powered (standard UL-558).

<table>
<thead>
<tr>
<th>SELECTION CRITERIA</th>
<th>105°C</th>
<th>140°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL Approved</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>SAE J1127</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>-40°C to 105°C Operating Temperature</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>-60°C to 140°C Operating Temperature</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Paper Separator to Enhance Stripability</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>60 Volt Cable</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Superior Flexibility</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Stocking Program</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

- Choose 105°C SGR when UL is required
- Choose 140°C SGR when superior flexibility and/or abrasion resistance is critical
- Choose 140°C SGR for high temperature environment applications
- UL SGR 105°C cable stocked #6 - 4/0 (Black)
- SGR 140°C cable made to order
UL 105C SGR BATTERY STARTER & 600V EPDM WELDING CABLE

FEATURES
– Special stranding and packaging available upon request.
– Print Legend: XXX GA E356116 TYPE SGR 105°C - - - EPDM WELDING CABLE 600V
– Resistant to acid, abrasion, alkalis, coolant, diesel fuel, ethanol, flame, gas, ozone, power steering fluid, oil and transmission fluid.
– Approved for use for Electric-Battery-Powered Industrial trucks (Standard UL-583) and Industrial Trucks, Internal Combustion Engine-Powered (Standard UL-558).
– -40C to 105C operating temperature.
– UL certified for UL 4127 and SAE J1127.

APPLICATIONS
UL SGR
– For use between battery terminal & starter and grounding, on boats, buses, cars, lift trucks, RV’s, tractors and trucks. Rated 60V

EPDM Welding
– For use as temporary power as secondary voltage resistance welding cable leads in circuits where the operating temperature maintains 105°C maximum in circuits not exceeding 600 Volts when used for welding cable

CONSTRUCTION
Constructed with flexible stranded No 30 bare copper conductor. High grade RoHS compliant 105°C EPDM insulation. A paper separator is utilized to enhance stripability.
<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STANDARD PART NUMBER</th>
<th>STRANDING</th>
<th>INSULATION THICKNESS</th>
<th>NOMINAL O.D.</th>
<th>STANDARD PACKAGE</th>
<th>SHIPPING WEIGHT -LBS/ 1000 FT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>300158.XX.XXX</td>
<td>7/37/010</td>
<td>0.060</td>
<td>1.52</td>
<td>0.310</td>
<td>7.87</td>
</tr>
<tr>
<td>4</td>
<td>300159.XX.XXX</td>
<td>7/54/010</td>
<td>0.065</td>
<td>1.65</td>
<td>0.360</td>
<td>9.14</td>
</tr>
<tr>
<td>2</td>
<td>300160.XX.XXX</td>
<td>12/54/010</td>
<td>0.072</td>
<td>1.83</td>
<td>0.454</td>
<td>11.53</td>
</tr>
<tr>
<td>1</td>
<td>300161.XX.XXX</td>
<td>12/67/010</td>
<td>0.072</td>
<td>1.83</td>
<td>0.499</td>
<td>12.67</td>
</tr>
<tr>
<td>1/0</td>
<td>300162.XX.XXX</td>
<td>19/54/010</td>
<td>0.072</td>
<td>1.83</td>
<td>0.554</td>
<td>14.07</td>
</tr>
<tr>
<td>2/0</td>
<td>300163.XX.XXX</td>
<td>19/67/010</td>
<td>0.072</td>
<td>1.83</td>
<td>0.592</td>
<td>15.04</td>
</tr>
<tr>
<td>3/0</td>
<td>300164.XX.XXX</td>
<td>19/84/010</td>
<td>0.087</td>
<td>2.21</td>
<td>0.676</td>
<td>17.17</td>
</tr>
<tr>
<td>4/0</td>
<td>300165.XX.XXX</td>
<td>19/109/010</td>
<td>0.087</td>
<td>2.21</td>
<td>0.747</td>
<td>18.97</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.
FEATURES
– Resistant to acid, abrasion, alkalis, coolant, diesel fuel, ethanol, flame, gas, power steering fluid, oil and transmission fluid.
– Cable abrasion is 40% better than SAE SGX cable while maintaining the flexibility of flexible rubber SGR cable.
– Operating temperature -60°C to 140°C exceeding SAE’s -40°C to 90°C requirement.
– Approved for use for Electric-Battery-Powered Industrial trucks (Standard UL-583) and Industrial Trucks and Internal Combustion Engine-Powered (Standard UL-558).
– Special stranding and packaging available upon request.

APPLICATIONS
SAE 140C SGR is for use between battery terminal & starter and grounding, on boats, buses, cars, lift trucks, RV’s, tractors and trucks.

CONSTRUCTION
Constructed with flexible stranded No 30 bare copper conductor. High grade RoHS compliant 140°C EPDM insulation. A paper separator is utilized to enhance stripability.

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

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

MADE IN THE USA
## SGR Battery Cable 140°C

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STRANDING</th>
<th>INSULATION THICKNESS</th>
<th>NOMINAL O.D.</th>
<th>STANDARD PACKAGE 24X18X10</th>
<th>SHIPPING WEIGHT -LBS/1000 FT.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
</tr>
<tr>
<td>4</td>
<td>7/54/010</td>
<td>0.065</td>
<td>1.65</td>
<td>0.360</td>
<td>9.14</td>
</tr>
<tr>
<td>2</td>
<td>12/54/010</td>
<td>0.065</td>
<td>1.65</td>
<td>0.430</td>
<td>10.92</td>
</tr>
<tr>
<td>1</td>
<td>12/67/010</td>
<td>0.065</td>
<td>1.65</td>
<td>0.470</td>
<td>11.94</td>
</tr>
<tr>
<td>1/0</td>
<td>19/54/010</td>
<td>0.065</td>
<td>1.65</td>
<td>0.520</td>
<td>13.21</td>
</tr>
<tr>
<td>2/0</td>
<td>19/67/010</td>
<td>0.065</td>
<td>1.65</td>
<td>0.560</td>
<td>14.22</td>
</tr>
<tr>
<td>3/0</td>
<td>19/84/010</td>
<td>0.078</td>
<td>1.98</td>
<td>0.641</td>
<td>16.28</td>
</tr>
<tr>
<td>4/0</td>
<td>19/109/010</td>
<td>0.078</td>
<td>1.98</td>
<td>0.747</td>
<td>18.97</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.
FEATURES
– Special stranding and packaging are available upon request.
– Resistant to acid, abrasion, alkalis, coolant, diesel fluid, ethanol, flame, gas, ozone, power steering fluid, oil, and transmission fluid.
– Meets the Battery Cable requirements of UL 558 paragraph 8.1 item (f) and UL 583 paragraph 12.1 item (f).
– Custom print available upon request.

APPLICATIONS
– For use between battery terminal & starter and grounding, on boats, buses, cars, lift trucks, RV’s, tractors and trucks.

CONSTRUCTION
SAE SGX Battery Cable 60V DC is constructed with flexible stranded copper conductor. Insulation is a high grade RoHS compliant 125°C XLPE. Kalas SGX Battery Cable is constructed to meet the requirements of SAE J1127.
# SGX Battery Cable

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STANDARD PART NUMBER</th>
<th>STRANDING</th>
<th>INSULATION THICKNESS</th>
<th>Nominal O.D.</th>
<th>STANDARD PRINT</th>
<th>STANDARD PACKAGE</th>
<th>SHIPPING WEIGHT - LBS/1000 FT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>310226.xxx</td>
<td>37/.0260</td>
<td>0.060 1.52</td>
<td>0.305 7.75</td>
<td>None</td>
<td>1000</td>
<td>104</td>
</tr>
<tr>
<td>6</td>
<td>300340.xxx</td>
<td>7x19/.0137</td>
<td>0.060 1.52</td>
<td>0.310 7.87</td>
<td>6 GA SGX SAE J1127 125°C</td>
<td>1000</td>
<td>107</td>
</tr>
<tr>
<td>4</td>
<td>310126.xxx</td>
<td>7x19/.0170</td>
<td>0.065 1.65</td>
<td>0.375 9.53</td>
<td>4 GA SGX SAE J1127 125°C</td>
<td>1000</td>
<td>153</td>
</tr>
<tr>
<td>4</td>
<td>310296.xxx</td>
<td>61/.0250</td>
<td>0.065 1.65</td>
<td>0.350 8.89</td>
<td>None</td>
<td>1000</td>
<td>160</td>
</tr>
<tr>
<td>2</td>
<td>300314.xxx</td>
<td>7x19/.0218</td>
<td>0.065 1.65</td>
<td>0.438 11.13</td>
<td>2 GA SGX SAE J1127 125°C</td>
<td>1000</td>
<td>248</td>
</tr>
<tr>
<td>1</td>
<td>300315.xxx</td>
<td>7x19/.0243</td>
<td>0.065 1.65</td>
<td>0.480 12.19</td>
<td>1 GA SGX SAE J1127 125°C</td>
<td>1000</td>
<td>308</td>
</tr>
<tr>
<td>1/0</td>
<td>300091.xxx</td>
<td>19x54/.010</td>
<td>0.065 1.65</td>
<td>0.520 13.21</td>
<td>1/0 SGX FLEX 125°C SAE J1127</td>
<td>500 &amp; 1000</td>
<td>377</td>
</tr>
<tr>
<td>2/0</td>
<td>310239.xxx</td>
<td>19x7/.0309</td>
<td>0.065 1.65</td>
<td>0.575 14.61</td>
<td>2/0 GA SGX SAE J1127</td>
<td>1000</td>
<td>470</td>
</tr>
<tr>
<td>2/0</td>
<td>300092.xxx</td>
<td>19x66/.010</td>
<td>0.065 1.65</td>
<td>0.560 14.22</td>
<td>2/0 SGX FLEX 125°C SAE J1127</td>
<td>500 &amp; 1000</td>
<td>458</td>
</tr>
<tr>
<td>3/0</td>
<td>300093.xxx</td>
<td>19 x 85/.010</td>
<td>0.078 1.98</td>
<td>0.641 16.28</td>
<td>3/0 SGX FLEX 125°C SAE J1127</td>
<td>500</td>
<td>622</td>
</tr>
<tr>
<td>4/0</td>
<td>300094.xxx</td>
<td>19x108/.010</td>
<td>0.078 1.98</td>
<td>0.706 17.93</td>
<td>4/0 SGX FLEX 125°C SAE J1127</td>
<td>500</td>
<td>757</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.
PUMP CABLE

DESIGNED FOR POWERING SUBMERSIBLE WATER PUMPS

- High grade PVC or TPE jackets create protective barriers to corrosive elements
- UL rated for superior quality
- Annealed bare solid or stranded copper conductors
- Special packaging available upon request
- Sequential footage markings
1/0 & 2/0 HEAVY-DUTY
• Parallel PVC insulation with PVC black jacket and sequential markings
• Annealed bare stranded copper conductor
• UL 83 Type THW; deep well submersible pump cable
• Operating Temperature -40°C to 75°C; 600 Volts
• Resistant to acid, abrasion, alkalis, flame, gas, oil, water and sunlight
• Cut to length available upon request

HEAVY-DUTY
• Parallel PVC insulation with PVC black jacket and sequential markings
• Annealed bare stranded copper conductor
• UL 83 Type THW; deep well submersible pump cable
• Operating Temperature -40°C to 75°C; 600 Volts
• Resistant to acid, abrasion, alkalis, flame, gas, oil, water and sunlight

FLAT YELLOW
• Parallel PVC insulation with PVC yellow jacket and sequential markings
• Annealed bare stranded copper conductor
• UL 83 Type THW; deep well submersible pump cable
• Operating Temperature -40°C to 75°C; 600 Volts
• Resistant to acid, abrasion, alkalis, flame, gas, oil and water

TWISTED
• Twisted construction with PVC insulation
• Annealed bare solid copper conductor
• UL 83 Type THW; deep well submersible pump cable
• Operating Temperature -40°C to 75°C; 600 Volts
• Resistant to acid, abrasion, alkalis, flame, gas, oil and water

ICE BLUE
• Parallel TPE insulation with blue jacket and sequential markings
• Annealed bare stranded copper conductor
• UL Listed as deep well submersible pump cable
• Operating Temperature -65°C to 90°C dry / 75°C wet; 600 Volts
• Resistant to acid, abrasion, alkalis, flame, gas, oil and water

MULTI CONDUCTOR UNDERGROUND FEEDER (UF-B)
• PVC Insulation with gray jacket suited for direct burial
• Annealed bare copper conductor
• UL 493
• Operating Temperature -25°C to 60°C; 600 Volts
• Resistant to water and sunlight
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

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

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.

Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate.
ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED
RoHS: Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended).
MADE IN THE USA
## TWISTED PVC SUBMERSIBLE PUMP CABLE

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STRANDING</th>
<th>INSULATION THICKNESS</th>
<th>TWISTED 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></td>
</tr>
<tr>
<td>14/2 with GND</td>
<td>Solid/.0641˝</td>
<td>0.045</td>
<td>1.143</td>
<td>0.339</td>
<td>8.611</td>
<td>500 or 1000</td>
</tr>
<tr>
<td>14/3 with GND</td>
<td>Solid/.0641˝</td>
<td>0.045</td>
<td>1.143</td>
<td>0.380</td>
<td>9.652</td>
<td>500 or 1000</td>
</tr>
<tr>
<td>12/2 with GND</td>
<td>Solid/.0808˝</td>
<td>0.045</td>
<td>1.143</td>
<td>0.369</td>
<td>9.373</td>
<td>500 or 1000</td>
</tr>
<tr>
<td>12/3 with GND</td>
<td>Solid/.0808˝</td>
<td>0.045</td>
<td>1.143</td>
<td>0.414</td>
<td>10.516</td>
<td>500 or 1000</td>
</tr>
<tr>
<td>10/2 with GND</td>
<td>Solid/.1019˝</td>
<td>0.045</td>
<td>1.143</td>
<td>0.421</td>
<td>10.693</td>
<td>500 or 1000</td>
</tr>
<tr>
<td>10/3 with GND</td>
<td>Solid/.1019˝</td>
<td>0.045</td>
<td>1.143</td>
<td>0.472</td>
<td>11.989</td>
<td>500 or 1000</td>
</tr>
<tr>
<td>8/2 with #10 GND</td>
<td>19/.0295˝ – solid (.1019˝)</td>
<td>0.060</td>
<td>1.524</td>
<td>0.538</td>
<td>13.665</td>
<td>500 or 1000</td>
</tr>
<tr>
<td>8/3 with #10 GND</td>
<td>19/.0295˝ – solid (.1019˝)</td>
<td>0.060</td>
<td>1.524</td>
<td>0.608</td>
<td>15.443</td>
<td>500 or 1000</td>
</tr>
<tr>
<td>6/3 with #8 GND</td>
<td>19/.0372˝ – 19/.0295˝</td>
<td>0.060</td>
<td>1.524</td>
<td>0.728</td>
<td>18.491</td>
<td>500 or 1000</td>
</tr>
<tr>
<td>4/3 with #8 GND</td>
<td>19/.0469˝ – 19/.0295˝</td>
<td>0.060</td>
<td>1.524</td>
<td>0.819</td>
<td>20.803</td>
<td>500 or 1000</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

**KALAS MAILING ADDRESS**
167 Greenfield Road
Lancaster, PA 17601

**TULSA WAREHOUSE**
1810 East Jasper St.
Tulsa, Oklahoma 74110

**KALASWIRE.COM**
P 717-336-5575
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.

Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate. ISO 9001:2015 CERTIFIED ISO 14001:2015 CERTIFIED RoHS: Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended). MADE IN THE USA
## Flat Parallel Submersible Pump Cable

<table>
<thead>
<tr>
<th>Gauge</th>
<th>Strand</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>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>
</tr>
<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>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.
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.

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

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

MADE IN THE USA
<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>in (\text{mm}) mm</td>
<td>in (\text{mm}) mm</td>
<td>min. x maj. in</td>
<td>min. x maj. mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/0 - 3 with #6 GND</td>
<td>19/.0745” (1/0) – 19/.0372” (6ga)</td>
<td>0.080 2.032</td>
<td>0.060 1.524</td>
<td>0.661 x 2.049</td>
<td>16.790 x 52.045</td>
<td>500 or 1000</td>
<td>1637 440818.XX.001</td>
</tr>
<tr>
<td>2/0 - 3 with #6 GND</td>
<td>19/.0837” (2/0) – 19/.0372” (6ga)</td>
<td>0.080 2.032</td>
<td>0.060 1.524</td>
<td>0.715 x 2.175</td>
<td>18.161 x 55.245</td>
<td>500 or 1000</td>
<td>1938 440819.XX.001</td>
</tr>
</tbody>
</table>

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

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

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

MADE IN THE USA
<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 maj. in</td>
<td>min. x maj. mm</td>
</tr>
<tr>
<td>14/2 with GND</td>
<td>19/.0147˝</td>
<td>0.045</td>
<td>1.143</td>
<td>0.045</td>
<td>1.143</td>
<td>0.262 x 0.594</td>
<td>6.655 x 15.088</td>
</tr>
<tr>
<td>14/3 with GND</td>
<td>19/.0147˝</td>
<td>0.045</td>
<td>1.143</td>
<td>0.045</td>
<td>1.143</td>
<td>0.262 x 0.762</td>
<td>6.655 x 19.355</td>
</tr>
<tr>
<td>12/2 with GND</td>
<td>19/.0185˝</td>
<td>0.045</td>
<td>1.143</td>
<td>0.045</td>
<td>1.143</td>
<td>0.271 x 0.680</td>
<td>6.883 x 17.272</td>
</tr>
<tr>
<td>12/3 with GND</td>
<td>19/.0185˝</td>
<td>0.045</td>
<td>1.143</td>
<td>0.045</td>
<td>1.143</td>
<td>0.275 x 0.840</td>
<td>6.985 x 21.336</td>
</tr>
<tr>
<td>10/2 with GND</td>
<td>19/.0234˝</td>
<td>0.045</td>
<td>1.143</td>
<td>0.045</td>
<td>1.143</td>
<td>0.314 x 0.754</td>
<td>7.976 x 19.152</td>
</tr>
<tr>
<td>10/3 with GND</td>
<td>19/.0234˝</td>
<td>0.045</td>
<td>1.143</td>
<td>0.045</td>
<td>1.143</td>
<td>0.314 x 0.988</td>
<td>7.976 x 25.095</td>
</tr>
<tr>
<td>8/3 with #10 GND</td>
<td>19/.0295˝ (#8 ga) – 19/.0234˝ (#10 ga)</td>
<td>0.060</td>
<td>1.524</td>
<td>0.050</td>
<td>1.27</td>
<td>0.375 x 1.135</td>
<td>9.525 x 28.829</td>
</tr>
<tr>
<td>6/3 with #8 GND</td>
<td>19/.0372˝ (#6 ga) – 19/.0295˝ (#8 ga)</td>
<td>0.060</td>
<td>1.524</td>
<td>0.050</td>
<td>1.27</td>
<td>0.410 x 1.320</td>
<td>10.414 x 33.528</td>
</tr>
<tr>
<td>4/3 with #8 GND</td>
<td>19/.0469˝ (#4 ga) – 19/.0295˝ (#8 ga)</td>
<td>0.060</td>
<td>1.524</td>
<td>0.050</td>
<td>1.27</td>
<td>0.468 x 1.465</td>
<td>11.887 x 37.211</td>
</tr>
<tr>
<td>2/3 with #6 GND</td>
<td>19/.0591˝ (#2 ga) – 19/.0372˝ (#6 ga)</td>
<td>0.060</td>
<td>1.651</td>
<td>0.065</td>
<td>1.27</td>
<td>0.564 x 1.731</td>
<td>14.326 x 43.967</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.
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.

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

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

MADE IN THE USA
<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>SHIPPING WEIGHT -LBS/1000 FT.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
<td>min. x maj. in</td>
<td>min. x maj. mm</td>
<td></td>
</tr>
<tr>
<td>12/2 with GND</td>
<td>65/.010˝</td>
<td>0.030</td>
<td>7.62</td>
<td>0.030</td>
<td>7.62</td>
<td>0.225 x 0.528</td>
<td>5.715 x 13.411</td>
</tr>
<tr>
<td>12/3 with GND</td>
<td>65/.010˝</td>
<td>0.030</td>
<td>7.62</td>
<td>0.030</td>
<td>7.62</td>
<td>0.224 x 0.692</td>
<td>5.689 x 17.577</td>
</tr>
<tr>
<td>10/2 with GND</td>
<td>105/.010˝</td>
<td>0.030</td>
<td>7.62</td>
<td>0.030</td>
<td>7.62</td>
<td>0.265 x 0.610</td>
<td>6.731 x 15.494</td>
</tr>
<tr>
<td>10/3 with GND</td>
<td>105/.010˝</td>
<td>0.030</td>
<td>7.62</td>
<td>0.030</td>
<td>7.62</td>
<td>0.250 x 0.796</td>
<td>6.35 x 20.218</td>
</tr>
<tr>
<td>8/3 with #10 GND</td>
<td>19/.0295˝ – 19/.0234˝</td>
<td>0.045 (#8 ga)</td>
<td>1.143</td>
<td>0.040</td>
<td>1.016</td>
<td>0.330 x 0.987</td>
<td>8.382 x 25.069</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

BK/IB/6.22

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM
P 717-336-5575
MULTI CONDUCTOR UNDERGROUND FEEDER CABLE

FEATURES
– Operating temperature range -25° C to 60° C
– Direct burial
– Sunlight resistant
– Water and sunlight resistant
– Special packaging is available upon request

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.

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.

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

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

MADE IN THE USA
<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></td>
<td></td>
<td>pvc in</td>
<td>pvc mm</td>
<td>nylon in</td>
<td>nylon mm</td>
<td>min. x maj. in</td>
</tr>
<tr>
<td>14/2 with GND</td>
<td>Solid</td>
<td>0.015</td>
<td>0.381</td>
<td>0.004</td>
<td>0.10</td>
<td>0.185 x 0.385</td>
</tr>
<tr>
<td>14/3 with GND</td>
<td>Solid</td>
<td>0.015</td>
<td>0.381</td>
<td>0.004</td>
<td>0.10</td>
<td>0.185 x 0.575</td>
</tr>
<tr>
<td>12/2 with GND</td>
<td>Solid</td>
<td>0.015</td>
<td>0.381</td>
<td>0.004</td>
<td>0.10</td>
<td>0.195 x 0.415</td>
</tr>
<tr>
<td>12/3 with GND</td>
<td>Solid</td>
<td>0.015</td>
<td>0.381</td>
<td>0.004</td>
<td>0.10</td>
<td>0.195 x 0.620</td>
</tr>
<tr>
<td>10/2 with GND</td>
<td>Solid</td>
<td>0.020</td>
<td>0.508</td>
<td>0.004</td>
<td>0.10</td>
<td>0.230 x 0.460</td>
</tr>
<tr>
<td>10/3 with GND</td>
<td>Solid</td>
<td>0.020</td>
<td>0.508</td>
<td>0.004</td>
<td>0.10</td>
<td>0.230 x 0.690</td>
</tr>
<tr>
<td>8/2 with #10 GND</td>
<td>7 Strand</td>
<td>0.030</td>
<td>7.62</td>
<td>0.005</td>
<td>0.127</td>
<td>0.320 x 0.620</td>
</tr>
<tr>
<td>8/3 with #10 GND</td>
<td>7 Strand</td>
<td>0.030</td>
<td>7.62</td>
<td>0.005</td>
<td>0.127</td>
<td>0.320 x 0.990</td>
</tr>
<tr>
<td>6/2 with #10 GND</td>
<td>7 Strand</td>
<td>0.030</td>
<td>7.62</td>
<td>0.005</td>
<td>0.127</td>
<td>0.385 x 0.800</td>
</tr>
<tr>
<td>6/3 with #10 GND</td>
<td>7 Strand</td>
<td>0.030</td>
<td>7.62</td>
<td>0.005</td>
<td>0.127</td>
<td>0.385 x 1.200</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM
P 717-336-5575
CATHODIC PROTECTION CABLE

FEATURES
– Direct burial
– Abrasion resistant
– Crush resistant
– Chemical resistant
– Custom print available upon request
– Sequential footage marking upon request
– Special stranding and packaging are available upon request

APPLICATIONS
– For Cathodic protection of pipelines, oil tanks, steel piped, well casings, marine craft and other metallic structures
– Rated at 600 Volts

CONSTRUCTION
Annealed stranded bare copper conforming to ASTM B-8. A high molecular weight polyethylene (HMW / PE) insulation conforming to ASTM D 1248 I, Class A, Cat.4 Grade E5 is extruded over the copper.

Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate.
## CATHODIC PROTECTION 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 - LBS/1000 FT.</th>
<th>PART NUMBERS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>7/0305</td>
<td>0.110</td>
<td>2.79</td>
<td>0.309</td>
<td>7.85</td>
<td>3000</td>
</tr>
<tr>
<td>10</td>
<td>7/0385</td>
<td>0.110</td>
<td>2.79</td>
<td>0.333</td>
<td>8.46</td>
<td>2500</td>
</tr>
<tr>
<td>8</td>
<td>7/0486</td>
<td>0.110</td>
<td>2.79</td>
<td>0.365</td>
<td>9.27</td>
<td>6000</td>
</tr>
<tr>
<td>6</td>
<td>7/0612</td>
<td>0.110</td>
<td>2.79</td>
<td>0.400</td>
<td>10.16</td>
<td>5000</td>
</tr>
<tr>
<td>4</td>
<td>7/0772</td>
<td>0.110</td>
<td>2.79</td>
<td>0.450</td>
<td>11.43</td>
<td>4500</td>
</tr>
<tr>
<td>2</td>
<td>7/0974</td>
<td>0.110</td>
<td>2.79</td>
<td>0.507</td>
<td>12.88</td>
<td>3500</td>
</tr>
<tr>
<td>1</td>
<td>19/0664</td>
<td>0.125</td>
<td>3.18</td>
<td>0.584</td>
<td>14.83</td>
<td>2500</td>
</tr>
<tr>
<td>1/0</td>
<td>19/0745</td>
<td>0.125</td>
<td>3.18</td>
<td>0.623</td>
<td>15.82</td>
<td>2250</td>
</tr>
<tr>
<td>2/0</td>
<td>19/0837</td>
<td>0.125</td>
<td>3.18</td>
<td>0.669</td>
<td>16.99</td>
<td>2000</td>
</tr>
<tr>
<td>4/0</td>
<td>19/1055</td>
<td>0.125</td>
<td>3.18</td>
<td>0.778</td>
<td>19.76</td>
<td>1500</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

**KALAS MAILING ADDRESS**
167 Greenfield Road
Lancaster, PA 17601

**TULSA WAREHOUSE**
1810 East Jasper St.
Tulsa, Oklahoma 74110

**KALASWIRE.COM**
P 717-336-5575
**FEATURES**

- Special stranding and packaging are available upon request.
- Custom print available upon request
- Direct burial
- Abrasion resistant

**APPLICATIONS**

- For Cathodic protection of pipelines, oil tanks, steel piped, well casings, marine craft and other metallic structures.

**CONSTRUCTION**

Annealed stranded bare copper conforming to ASTM B-8. An insulated wall of natural ECTFE fluoropolymer Halar extruded over the bare copper conductor. A high molecular weight polyethylene (HMW / PE) insulation conforming to ASTM D 1248 I, Class A, Cat.4 Grade E5 is extruded over the Halar.
# CATHODIC PROTECTION CABLE WITH HALAR ECTFE (ETHYLENE CHLOROTRIFLUOROETHYLENE)

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STRANDING</th>
<th>HALAR THICKNESS</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></td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>7/0486</td>
<td>0.020</td>
<td>0.065</td>
<td>1.65</td>
<td>0.315</td>
<td>8.00</td>
<td>6000</td>
</tr>
<tr>
<td>6</td>
<td>7/0612</td>
<td>0.020</td>
<td>0.065</td>
<td>1.65</td>
<td>0.350</td>
<td>8.89</td>
<td>5000</td>
</tr>
<tr>
<td>4</td>
<td>7/0772</td>
<td>0.020</td>
<td>0.065</td>
<td>1.65</td>
<td>0.400</td>
<td>10.16</td>
<td>4000</td>
</tr>
<tr>
<td>2</td>
<td>7/0974</td>
<td>0.020</td>
<td>0.065</td>
<td>1.65</td>
<td>0.457</td>
<td>11.61</td>
<td>2500</td>
</tr>
</tbody>
</table>

* Other sizes available upon request.

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.
FEATURES
- Special stranding and packaging are available upon request.
- Custom print available upon request
- Direct burial
- Abrasion resistant

APPLICATIONS
- For Cathodic protection of pipelines, oil tanks, steel piped, well casings, marine craft and other metallic structures.
- Resistant to corrosive gases. May be directly installed in brackish waters.

CONSTRUCTION
Annealed stranded bare copper conforming to ASTM B-8. An insulated wall of natural Polyvinylidene Fluoride Kynar extruded over the bare copper conductor. A high molecular weight polyethylene (HMW / PE) insulation conforming to ASTM D 1248 I, Class A, Cat.4 Grade E5 is extruded over the Kynar. Rated to 75°C.
# CATHODIC PROTECTION CABLE WITH KYNAR PVDF - POLYVINYLIDENE FLUORIDE

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STRANDING</th>
<th>KYNAR THICKNESS</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></td>
<td>in mm</td>
<td>in mm</td>
<td>in mm</td>
<td>in mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>7/0486</td>
<td>0.020</td>
<td>0.51</td>
<td>0.065</td>
<td>1.65</td>
<td>0.315</td>
<td>8.00</td>
</tr>
<tr>
<td>6</td>
<td>7/0612</td>
<td>0.020</td>
<td>0.51</td>
<td>0.065</td>
<td>1.65</td>
<td>0.350</td>
<td>8.89</td>
</tr>
<tr>
<td>4</td>
<td>7/0772</td>
<td>0.020</td>
<td>0.51</td>
<td>0.065</td>
<td>1.65</td>
<td>0.400</td>
<td>10.16</td>
</tr>
<tr>
<td>2</td>
<td>7/0974</td>
<td>0.020</td>
<td>0.51</td>
<td>0.065</td>
<td>1.65</td>
<td>0.470</td>
<td>11.94</td>
</tr>
</tbody>
</table>

* Other sizes available upon request.

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM
P. 717-336-5575
MARINE CABLE

Used to distribute power throughout boats, pleasure crafts and in original equipment manufacturing applications.

- Extremely flexible and easy to work with.
- PVC jacket creates a protective barrier from moisture, chemicals and abrasion.
- Annealed bare or tinned stranded copper conductors.
- Tinned copper protects against corrosion.
- Special stranding, packaging and custom print available upon request.
MARINE CABLE

SINGLE CONDUCTOR
• High grade PVC
• UL listed per Standard 1426 when marked “BC-5W2"
• UL listed per Standard 1063 when marked “MTW”
• UL listed per Standard 83 when printed “TW” or “THW”
• Class K 30 gauge Tinned Copper for corrosion resistance

FLAT BOAT MULTI-CONDUCTOR
• Flexible high grade PVC inners insulated running parallel with a PVC jacket, flame retardant boat cable
• Meets or exceeds ABYC, UL, Coast Guard requirements
• Cable is rated at 105°C, 75°C wet (BC-5W2) 600 Volt
• UL listed per UL 1426
• Class K 30 gauge Tinned Copper for corrosion resistance

ROUND BOAT MULTI-CONDUCTOR
• High grade PVC inners insulated, twisted with polypropylene filler with a PVC jacket
• Meets or exceeds ABYC, UL, Coast Guard requirements
• Cable is rated for a 105°C dry 75° wet (BC-5W2) 600 Volt
• UL listed per UL1426
• Class K 30 gauge Tinned Copper for corrosion resistance
FLAT BOAT CABLE

FEATURES
- Special stranding and packaging are available upon request.
- Custom print available upon request.
- UL Listed
- Cable marked BC-5W2 conforms to ABYC standards

APPLICATIONS
- Use for pleasure crafts, custom design and OEM.

CONSTRUCTION
Annealed bare or tinned stranded copper conductors PVC insulated running parallel with a PVC jacket to form a 105°C dry 75°C wet BC-5W2 600 Volt Multi-Conductor Boat Cable. UL Listed per UL 1426.
<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>
</tr>
</thead>
<tbody>
<tr>
<td>18/2</td>
<td>16/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>.180 x .280</td>
<td>N/A</td>
<td>500 / 1000 34</td>
</tr>
<tr>
<td>18/3</td>
<td>16/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>.180 x .402</td>
<td>N/A</td>
<td>500 / 1000 45</td>
</tr>
<tr>
<td>16/2</td>
<td>26/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>.192 x .311</td>
<td>N/A</td>
<td>500 / 1000 41</td>
</tr>
<tr>
<td>16/3</td>
<td>26/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>.187 x .433</td>
<td>N/A</td>
<td>500 / 1000 60</td>
</tr>
<tr>
<td>14/2</td>
<td>41/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>.215 x .350</td>
<td>N/A</td>
<td>500 / 1000 55</td>
</tr>
<tr>
<td>14/3</td>
<td>41/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>.220 x .487</td>
<td>N/A</td>
<td>500 / 1000 82</td>
</tr>
<tr>
<td>12/2</td>
<td>65/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>.230 x .381</td>
<td>N/A</td>
<td>500 / 1000 75</td>
</tr>
<tr>
<td>12/3</td>
<td>65/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>.230 x .528</td>
<td>N/A</td>
<td>500 / 1000 110</td>
</tr>
<tr>
<td>10/2</td>
<td>104/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>.250 x .430</td>
<td>N/A</td>
<td>500 / 1000 108</td>
</tr>
<tr>
<td>10/3</td>
<td>104/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>.270 x .620</td>
<td>N/A</td>
<td>500 / 1000 158</td>
</tr>
<tr>
<td>8/2</td>
<td>7/19/0112</td>
<td>0.045 1.14</td>
<td>0.045 1.14</td>
<td>.362 x .607</td>
<td>N/A</td>
<td>500 / 1000 182</td>
</tr>
<tr>
<td>8/3</td>
<td>7/19/0112</td>
<td>0.045 1.14</td>
<td>0.045 1.14</td>
<td>.365 x .885</td>
<td>N/A</td>
<td>500 / 1000 265</td>
</tr>
<tr>
<td>6/2</td>
<td>7/38/010</td>
<td>0.060 1.52</td>
<td>0.045 1.14</td>
<td>.425 x .740</td>
<td>N/A</td>
<td>500 / 1000 275</td>
</tr>
<tr>
<td>6/3</td>
<td>7/38/010</td>
<td>0.060 1.52</td>
<td>0.045 1.14</td>
<td>.425 x 1.070</td>
<td>N/A</td>
<td>500 / 1000 407</td>
</tr>
<tr>
<td>4/2</td>
<td>7/60/010</td>
<td>0.060 1.52</td>
<td>0.045 1.14</td>
<td>.494 x .901</td>
<td>N/A</td>
<td>500 / 1000 410</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.
ROUND BOAT CABLE

FEATURES
– Special stranding and packaging are available upon request.
– Custom print available upon request.
– UL Listed
– Cable marked BC-5W2 conforms to ABYC standards

APPLICATIONS
– Use for pleasure crafts, custom design and OEM.

CONSTRUCTION
Annealed bare or tinned stranded copper conductors PVC insulated, twisted with polypropylene filler with a PVC jacket to form a 105°C dry 75°C wet BC-5W2 600 Volt Multi-Conductor Boat Cable. UL Listed per UL 1426.

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

ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED

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

MADE IN THE USA
# ROUND BOAT 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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
<td>in</td>
</tr>
<tr>
<td>18/2</td>
<td>16/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.030</td>
<td>0.76</td>
<td>0.302</td>
</tr>
<tr>
<td>18/3</td>
<td>16/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.030</td>
<td>0.76</td>
<td>0.309</td>
</tr>
<tr>
<td>18/4</td>
<td>16/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.030</td>
<td>0.76</td>
<td>0.338</td>
</tr>
<tr>
<td>16/2</td>
<td>26/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.030</td>
<td>0.76</td>
<td>0.315</td>
</tr>
<tr>
<td>16/3</td>
<td>26/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.030</td>
<td>0.76</td>
<td>0.335</td>
</tr>
<tr>
<td>16/4</td>
<td>26/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.030</td>
<td>0.76</td>
<td>0.367</td>
</tr>
<tr>
<td>14/2</td>
<td>41/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.030</td>
<td>0.76</td>
<td>0.351</td>
</tr>
<tr>
<td>14/3</td>
<td>41/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.030</td>
<td>0.76</td>
<td>0.374</td>
</tr>
<tr>
<td>14/4</td>
<td>41/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.030</td>
<td>0.76</td>
<td>0.411</td>
</tr>
<tr>
<td>14/5</td>
<td>41/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.045</td>
<td>1.14</td>
<td>0.485</td>
</tr>
<tr>
<td>12/2</td>
<td>65/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.030</td>
<td>0.76</td>
<td>0.382</td>
</tr>
<tr>
<td>12/3</td>
<td>65/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.030</td>
<td>0.76</td>
<td>0.407</td>
</tr>
<tr>
<td>12/4</td>
<td>65/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.040</td>
<td>1.02</td>
<td>0.468</td>
</tr>
<tr>
<td>12/5</td>
<td>65/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.040</td>
<td>1.02</td>
<td>0.515</td>
</tr>
<tr>
<td>10/2</td>
<td>104/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.030</td>
<td>0.76</td>
<td>0.435</td>
</tr>
<tr>
<td>10/3</td>
<td>104/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.030</td>
<td>0.76</td>
<td>0.465</td>
</tr>
<tr>
<td>10/4</td>
<td>104/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.040</td>
<td>1.02</td>
<td>0.540</td>
</tr>
<tr>
<td>10/5</td>
<td>104/.010</td>
<td>0.030</td>
<td>0.76</td>
<td>0.040</td>
<td>1.02</td>
<td>0.584</td>
</tr>
<tr>
<td>8/3</td>
<td>133/.010</td>
<td>0.045</td>
<td>1.14</td>
<td>0.060</td>
<td>1.52</td>
<td>0.695</td>
</tr>
<tr>
<td>8/4</td>
<td>133/.010</td>
<td>0.045</td>
<td>1.14</td>
<td>0.060</td>
<td>1.52</td>
<td>0.768</td>
</tr>
<tr>
<td>8/5</td>
<td>133/.010</td>
<td>0.045</td>
<td>1.14</td>
<td>0.060</td>
<td>1.52</td>
<td>0.845</td>
</tr>
<tr>
<td>6/3</td>
<td>266/.010</td>
<td>0.060</td>
<td>1.52</td>
<td>0.060</td>
<td>1.52</td>
<td>0.825</td>
</tr>
<tr>
<td>6/4</td>
<td>266/.010</td>
<td>0.060</td>
<td>1.52</td>
<td>0.060</td>
<td>1.52</td>
<td>0.910</td>
</tr>
<tr>
<td>4/4</td>
<td>420/.010</td>
<td>0.060</td>
<td>1.52</td>
<td>0.070</td>
<td>1.78</td>
<td>1.090</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

KALAS WIRE.COM
P 717-336-5575

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110
BOAT CABLE SINGLE

FEATURES
– Special stranding and packaging are available upon request.
– Custom print available upon request.
– Custom Multi-Rate is available upon request.
– Meets UL 1426 Boat Cable.
– Meets US Coast Guard Electrical Regulations Title 33, Part 183.435.
– Meets Requirements of ABYC.

APPLICATIONS
– Use for pleasure crafts, custom design and OEM.

CONSTRUCTION
Annealed bare or tinned stranded copper conductors PVC insulated to form a 105°C dry 75°C wet BC-5W2 600 Volt Boat Cable. UL Listed per UL 1426.

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

ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED

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

MADE IN THE USA
### BOAT CABLE SINGLE

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STRANDING</th>
<th>UL &amp; CSA APPROVALS</th>
<th>INSULATION THICKNESS</th>
<th>NOMINAL O.D.</th>
<th>STANDARD PACKAGING</th>
<th>SHIPPING WEIGHT LBS/1000 FT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>INCHES</td>
<td>MM</td>
<td>INCHES</td>
<td>MM</td>
</tr>
<tr>
<td>16</td>
<td>26/.010</td>
<td>MTW AWM 1015/1230/1335/1032/1569 TEW TR-32</td>
<td>0.030</td>
<td>0.76</td>
<td>0.123</td>
<td>3.12</td>
</tr>
<tr>
<td>14</td>
<td>41/.010</td>
<td>BC-SW2 MTW AWM 1015/1230/1335/1032/1569 TEW TR-32</td>
<td>0.030</td>
<td>0.76</td>
<td>0.136</td>
<td>3.45</td>
</tr>
<tr>
<td>12</td>
<td>65/.010</td>
<td>BC-SW2 MTW THW AWM 1015/1230/1335/1032/1569 TEW TR-32</td>
<td>0.030</td>
<td>0.76</td>
<td>0.156</td>
<td>3.96</td>
</tr>
<tr>
<td>10</td>
<td>104/.010</td>
<td>BC-SW2 MTW THW AWM 1015/1230/1335/1032/1569 TEW TR-32</td>
<td>0.030</td>
<td>0.76</td>
<td>0.181</td>
<td>4.60</td>
</tr>
<tr>
<td>8</td>
<td>168/.010</td>
<td>BC-SW2 MTW THW AWM 1015/1230/1335/1032/1569 TEW TR-32</td>
<td>0.045</td>
<td>1.14</td>
<td>0.249</td>
<td>6.32</td>
</tr>
<tr>
<td>6</td>
<td>266/.010</td>
<td>E 67078(UL) BC - SW2 600V 105C° &quot;X&quot;AWG --- Standard UL 1426 Boat Cable ---</td>
<td>0.060</td>
<td>1.52</td>
<td>0.318</td>
<td>8.08</td>
</tr>
<tr>
<td>4</td>
<td>420/.010</td>
<td>E 67078(UL) BC - SW2 600V 105C° &quot;X&quot;AWG --- Standard UL 1426 Boat Cable ---</td>
<td>0.060</td>
<td>1.52</td>
<td>0.386</td>
<td>9.80</td>
</tr>
<tr>
<td>2</td>
<td>665/.010</td>
<td>E 67078(UL) BC - SW2 600V 105C° &quot;X&quot;AWG --- Standard UL 1426 Boat Cable ---</td>
<td>0.060</td>
<td>1.52</td>
<td>0.437</td>
<td>11.10</td>
</tr>
<tr>
<td>1</td>
<td>836/.010</td>
<td>E 67078(UL) BC - SW2 600V 105C° &quot;X&quot;AWG --- Standard UL 1426 Boat Cable ---</td>
<td>0.080</td>
<td>2.03</td>
<td>0.518</td>
<td>13.16</td>
</tr>
<tr>
<td>1/0</td>
<td>1064/.010</td>
<td>E 67078(UL) BC - SW2 600V 105C° &quot;X&quot;AWG --- Standard UL 1426 Boat Cable ---</td>
<td>0.080</td>
<td>2.03</td>
<td>0.563</td>
<td>14.30</td>
</tr>
<tr>
<td>2/0</td>
<td>1330/.010</td>
<td>E 67078(UL) BC - SW2 600V 105C° &quot;X&quot;AWG --- Standard UL 1426 Boat Cable ---</td>
<td>0.080</td>
<td>2.03</td>
<td>0.615</td>
<td>15.62</td>
</tr>
<tr>
<td>3/0</td>
<td>1672/.010</td>
<td>E 67078(UL) BC - SW2 600V 105C° &quot;X&quot;AWG --- Standard UL 1426 Boat Cable ---</td>
<td>0.080</td>
<td>2.03</td>
<td>0.670</td>
<td>17.02</td>
</tr>
<tr>
<td>4/0</td>
<td>2109/.010</td>
<td>E 67078(UL) BC - SW2 600V 105C° &quot;X&quot;AWG --- Standard UL 1426 Boat Cable ---</td>
<td>0.080</td>
<td>2.03</td>
<td>0.735</td>
<td>18.67</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.
COMPREHENSIVE PORTFOLIO

For Entertainment, Sound & Lighting Applications

Type W

GenFlex™ Type SC Cable

16 Gauge / 7 Conductor SEOOW Lighting Cable

12 Gauge / 14 Conductor Lighting Cable

Bulk Reels
STAGE & ENTERTAINMENT CABLE

TYPE W (SINGLE CONDUCTOR)
• Superior flexibility and extremely durable EPDM inner insulated with a high grade CPE jacket
• Annealed 30 gauge bare copper conductor
• UL Subject 1650, CSA PPC 22.2-96 and MSHA Flame Test Approved
• Operating Temperature -40°C to 90°C; 2000 Volts
• Designed for use in heavy duty & temporary power supply applications. Cable is also suitable for generator, motor, and battery leads as well as light to medium duty mining applications.

SC ENTERTAINMENT CABLE
• Exceptionally flexible high grade CPE jacket
• Annealed 30 gauge bare copper conductor
• UL Subject 1680, CSA PPC 22.2-96
• Operating Temperature -50°C to 105°C; 600 Volts
• Designed for use in temporary power supply applications such as TV, theaters (indoor/outdoor), sound/lighting systems, stages, etc.

12 GAUGE / 14 CONDUCTOR ENTERTAINMENT LIGHTING CABLE
• Specially formulated PVC insulation and jacket designed to withstand repetitive coiling
• Inner conductors contain 65 strands of .010” bare copper
• UL 758, CSA 22.2 210-05 and AWM UL Style 2586 Approved; Flame retardant to UL VW-1
• Operating Temperature -40°C to 105°C; 600 Volts
• Designed configuration of singles match alignment of industry 19-pin connectors for simple assembly. Paper separator allows for ease of stripping.

16 GAUGE / 7 CONDUCTOR SEOW ENTERTAINMENT LIGHTING CABLE
• Uniquely constructed with PVC insulation and TPE jacket for remarkable flexibility
• 7 Inner conductors of 26 strands of .010” bare copper surrounding a paper center core
• UL 62, CSA 22.2 No. 49-14; Flame retardant to UL VW-1
• Operating Temperature -50°C to 105°C; 600 Volts
• Designed for use in entertainment lighting cable and able to withstand repetitive coiling. Paper separator allows for ease of stripping.
Genflex™ Type W Portable Power Cable

Features:
- Superior flexibility for ease of use, coiling, transportation and storing
- Wet rating 90°C, Sunlight resistant, and 75°C Oil Resistant
- MSHA Flame Test Approved
- Custom print in surface ink or PermaPrint™ indent print available upon request
- Cable meets UL Subject 1650; CSA PPC 22.2 - 96
- Resistant to abrasion, sunlight, chemical, oil and water ensures superior cable life in the harshest environments

Construction:
8 AWG - 4/0 cables available, made with flexible stranded No. 30 bare copper conductor insulated with a high grade RoHS compliant EP inner and a RoHS Compliant CPE jacket. Maximum conductor operating temperature is 90°C in circuits not exceeding 2000 Volts. Minimum temperature rating is -40°C.

Applications:
- For use in accordance of National Electrical Code (NEC) article 400 and NFPA 70
- Generator leads, battery leads or motor leads.
- Heavy Duty or Temporary Power Supplies
- Light to medium duty mining applications

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

ISO 9001:2015 Certified
ISO 14001:2015 Certified
RoHS: Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended).
<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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
</tr>
<tr>
<td>8</td>
<td>7x24/.010&quot;</td>
<td>0.060</td>
<td>1.52</td>
<td>0.075</td>
<td>1.91</td>
<td>0.445</td>
</tr>
<tr>
<td>6</td>
<td>7x38/.010&quot;</td>
<td>0.060</td>
<td>1.52</td>
<td>0.095</td>
<td>2.41</td>
<td>0.525</td>
</tr>
<tr>
<td>4</td>
<td>7x60/.010&quot;</td>
<td>0.060</td>
<td>1.52</td>
<td>0.095</td>
<td>2.41</td>
<td>0.592</td>
</tr>
<tr>
<td>2</td>
<td>7x95/.010&quot;</td>
<td>0.060</td>
<td>1.52</td>
<td>0.095</td>
<td>2.41</td>
<td>0.645</td>
</tr>
<tr>
<td>1</td>
<td>19x44/.010&quot;</td>
<td>0.080</td>
<td>2.03</td>
<td>0.095</td>
<td>2.41</td>
<td>0.725</td>
</tr>
<tr>
<td>1/0</td>
<td>19x56/.010&quot;</td>
<td>0.080</td>
<td>2.03</td>
<td>0.095</td>
<td>2.41</td>
<td>0.775</td>
</tr>
<tr>
<td>2/0</td>
<td>19x70/.010&quot;</td>
<td>0.080</td>
<td>2.03</td>
<td>0.095</td>
<td>2.41</td>
<td>0.828</td>
</tr>
<tr>
<td>3/0</td>
<td>19x88/.010&quot;</td>
<td>0.080</td>
<td>2.03</td>
<td>0.095</td>
<td>2.41</td>
<td>0.883</td>
</tr>
<tr>
<td>4/0</td>
<td>19x111/.010&quot;</td>
<td>0.080</td>
<td>2.03</td>
<td>0.095</td>
<td>2.41</td>
<td>0.953</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM
P 717-336-5575
GENFLEX™ TYPE SC ENTERTAINMENT CABLE

FEATURES

- Highly flexible cable for optimal ease of movement around objects and coiling cable for transport & storage.
- Resists oil, solvents, ozone, crushing and abrasion.
- Custom print legend available upon request.
- Customizable PermaPrint™ indent print that lasts a lifetime and inkjet print are available on all sizes.
- Available in black.
- Meets UL Subject 1680, CSA PPC 22.2 - 96.

CONSTRUCTION

8 AWG - 250MCM cables available, made with flexible stranded No. 30 bare copper conductor insulated with a high grade RoHS compliant CPE. A paper separator is utilized to enhance stripability. Maximum conductor operating temperature is 105°C (221°F) in circuits not exceeding 600 Volts. Minimum temperature rating is -50°C (-58°F).

APPLICATIONS

- Temporary power uses in applications such as TV, theaters (indoor and outdoor), sound systems, stages, etc.
- National Electrical Code articles 520, 525 and 530.
- Portable lighting systems used for the above applications.

Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate.
# GENFLEX™ TYPE SC ENTERTAINMENT 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 - LBS/1000 FT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>7x24/.0100&quot;</td>
<td>0.110 2.79</td>
<td>0.380 9.65</td>
<td>500 112</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>7x37/.010&quot;</td>
<td>0.110 2.79</td>
<td>0.420 10.67</td>
<td>500 149</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>7x60/.010&quot;</td>
<td>0.110 2.79</td>
<td>0.480 12.19</td>
<td>500 212</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>7x95/.010&quot;</td>
<td>0.110 2.79</td>
<td>0.540 13.72</td>
<td>500 299</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>19x44/.010&quot;</td>
<td>0.110 2.79</td>
<td>0.580 14.73</td>
<td>500 369</td>
<td></td>
</tr>
<tr>
<td>1/0</td>
<td>19x56/.010&quot;</td>
<td>0.110 2.79</td>
<td>0.630 16.00</td>
<td>500 458</td>
<td></td>
</tr>
<tr>
<td>2/0</td>
<td>19x70/.010&quot;</td>
<td>0.110 2.79</td>
<td>0.680 17.27</td>
<td>500 558</td>
<td></td>
</tr>
<tr>
<td>3/0</td>
<td>19x88/.010&quot;</td>
<td>0.110 2.79</td>
<td>0.730 18.54</td>
<td>500 676</td>
<td></td>
</tr>
<tr>
<td>4/0</td>
<td>19x111/.010&quot;</td>
<td>0.110 2.79</td>
<td>0.790 20.07</td>
<td>500 826</td>
<td></td>
</tr>
<tr>
<td>250 MCM</td>
<td>19x133/.010&quot;</td>
<td>0.110 2.79</td>
<td>0.850 21.59</td>
<td>500 846</td>
<td></td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

**KALAS MAILING ADDRESS**
167 Greenfield Road
Lancaster, PA 17601

**TULSA WAREHOUSE**
1810 East Jasper St.
Tulsa, Oklahoma 74110

**KALASWIRE.COM**
P 717-336-5575
12 GAUGE / 14 CONDUCTOR
ENTERTAINMENT LIGHTING CABLE

FEATURES:
• Configuration of singles match orientation of industry 19-pin connectors for simple assembly
• Easy-to-read print on each single conductor for clear identification
• Specially formulated rubber-like jacket designed to withstand repetitive coiling
• Paper separator allows for ease of stripping
• Operating temperatures from -40°C to 105°C
• Flame retardant to UL VW-1

SPECIFICATIONS:

PRINT LEGEND SINGLES:
• Numbered (1) through (14)
• Outer: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
• Inner Core: 11, 12, 13, 14
• Singles identified with easy-to-read alternatively inversed numbering as shown: 4 - FOUR

CONDUCTOR:
• 12 gauge
• 65 strands
• .010” bare copper

INSULATION SINGLES:
• PVC compound; 105°C
• .144”+/-.003” OD
• .026” nominal wall
• Grey insulation

INSULATION JACKET:
• PVC compound; 105°C
• .795”+/-.015” OD
• .080” nominal wall
• Matte black jacket

• Rated to 600 Volts
• Packaging
1,000’ on 36”x16” reel
• Product Weight
490lb/1,000’
• Paper Separator
• AWM UL Style 2586 Approved
• UL 758 and CSA 22.2 210-05
• ASTM B-3 Copper Conductors
• RoHS and REACH Compliant

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM
P 717-336-5575

Call 888 870-1997 for additional cable specifications.
Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate.

RoHS: Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended).
16 GAUGE / 7 CONDUCTOR SEOOW ENTERTAINMENT LIGHTING CABLE

FEATURES:

- TPE jacket designed to withstand repetitive coiling
- Paper separator allows for ease of stripping
- Operating temperatures from -50°C to 105°C
- Flame retardant to UL VW-1

SPECIFICATIONS:

PRINT LEGEND:

- 7/C 16 AWG (1.31mm²) E31793 (UL) SEOOW 600V 105°C (WATER RESISTANT 60°C) VW-1 --- 7/C 1.31mm² (16 AWG) LL22035 CSA SEOOW 600V 105°C VW-1

CONDUCTOR:

- 16 gauge
- 26 strands
- .010” bare copper

INSULATION SINGLES:

- PVC compound; 105°C
- .123” +/- .003” diameter
- .030” nominal wall
- Color/Sequence: Green/Brown/ Light Blue/Yellow/Black/White with 1 Purple Stripe/Red

INSULATION JACKET:

- TPE compound; 105°C
- .563” +/- .010” diameter
- .080” nominal wall
- Matte black jacket

- Rated to 600 Volts
- Packaging
  500’ on 24”x9”x8” reel
- Product Weight
  185lb/1,000’
- Paper Separator
- Paper Filler
- UL 62 and CSA 22.2 NO. 49-14
- RoHS and REACH Compliant

MADE IN USA

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

DESIGNED FOR TEMPORARY GROUNDING FOR DE-ENERGIZED OVERHEAD ELECTRICAL LINES AND DE-ENERGIZED ELECTRICAL EQUIPMENT.

CLEAR GROUNDING CABLE

- Highly flexible stranded No. 30 bare copper conductor
- Clear high grade RoHS compliant 105°C PVC insulation ensures ability to see stranding and identify breaks
- Meets temperature range and flame retardancy of ASTM F-855, Type III
- Heavier jacket walls provide extra protection from the environment:
  - Superior operating temperature range of -40°C exceeding ASTM F-855 and up to 105°C exceeding ASTM F-855 Type III
  - PermaPrint™, indent print that lasts a lifetime will not wear off
- Special packaging and custom inkjet print available

TPE GROUNDING CABLE

- Highly flexible stranded No. 30 bare copper conductor
- High grade RoHS compliant 105°C TPE insulation
- Meets temperature range of ASTM F-855, Type I
- Excellent operating temperature range of -40°C to 105°C
- Superior flexibility in cold weather
- Special packaging and custom print available
- Yellow and black jacket colors available

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM
P 717-336-5575

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

MADE IN THE USA
ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED
CLEAR GROUNDING CABLE

FEATURES

– Superior flexibility ensures ultimate ease of use.
– Clear PVC jacket ensures ability to see copper stranding and identify breaks.
– Jacket meets the operating temperature range and flame retardancy of ASTM F-855 Type III.
– Heavier jacket walls provide extra protection for copper conductor.
– Excellent cold weather properties to -40°C exceeding ASTM F-855.
– Superior maximum operating temperature range up to 105°C exceeding ASTM F-855 Type III.
– Special and packaging are available upon request.
– Standard indent print with custom inkjet print available upon request.

APPLICATIONS

– Temporary grounding for de-energized overhead electrical lines and de-energized electrical equipment.

CONSTRUCTION

Highly flexible stranded No. 30 bare copper conductor insulated with a high grade RoHS compliant 105°C clear PVC jacket.

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

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

ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED

MADE IN THE USA
<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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
</tr>
<tr>
<td>2</td>
<td>7/95/.010</td>
<td>0.110</td>
<td>2.79</td>
<td>0.530</td>
<td>13.46</td>
</tr>
<tr>
<td>1/0</td>
<td>19/56/.010</td>
<td>0.127</td>
<td>3.23</td>
<td>0.650</td>
<td>16.51</td>
</tr>
<tr>
<td>2/0</td>
<td>19/70/.010</td>
<td>0.127</td>
<td>3.23</td>
<td>0.700</td>
<td>17.78</td>
</tr>
<tr>
<td>3/0</td>
<td>19/88/010</td>
<td>0.142</td>
<td>3.61</td>
<td>0.784</td>
<td>19.91</td>
</tr>
<tr>
<td>4/0</td>
<td>19/111/.010</td>
<td>0.142</td>
<td>3.61</td>
<td>0.850</td>
<td>21.59</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM
P 717-336-5575
**TPE GROUNDING CABLE**

**FEATURES**
- Excellent operating temperature range from -40°C to 90°C (105°C available upon request), surpasses requirements of ASTM F-855 Type III.
- Superior flexibility in cold weather.
- Indent and ink jet print available.
- Custom print available upon request.
- Special packaging available upon request.

**APPLICATIONS**
- Temporary grounding for de-energized overhead electrical lines and de-energized electrical equipment.

**CONSTRUCTION**
Highly flexible stranded No. 30 bare copper conductor insulated with a high grade 90°C TPE jacket.

<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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>in mm</td>
<td>in mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>7/95/.010</td>
<td>0.090</td>
<td>2.29</td>
<td>0.493</td>
<td>12.52</td>
</tr>
<tr>
<td>1/0</td>
<td>19/56/.010</td>
<td>0.090</td>
<td>2.29</td>
<td>0.576</td>
<td>14.63</td>
</tr>
<tr>
<td>2/0</td>
<td>19/70/.010</td>
<td>0.100</td>
<td>2.54</td>
<td>0.646</td>
<td>16.41</td>
</tr>
<tr>
<td>3/0</td>
<td>19/88/.010</td>
<td>0.100</td>
<td>2.54</td>
<td>0.700</td>
<td>17.78</td>
</tr>
<tr>
<td>4/0</td>
<td>19/111/.010</td>
<td>0.100</td>
<td>2.54</td>
<td>0.770</td>
<td>19.56</td>
</tr>
</tbody>
</table>

Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate. ISO 9001:2015 CERTIFIED ISO 14001:2015 CERTIFIED RoHS: Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended). MADE IN THE USA
FEATURES
- Special stranding and packaging are available upon request.
- Custom print available upon request.

Applications
- Trucks, Buses, Trailers and General Use.

CONSTRUCTION
Stranded copper conductor insulated with PVC (GPT 80° or 105°C) and jacketed with 80°C or 105°C PVC to form a flat multiconductor cable. Operating temperatures -40°C min to 80°C or 105°C max. Inner conductors meet SAE J1128.

Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate. ISO 9001:2015 CERTIFIED ISO 14001:2015 CERTIFIED RoHS: Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended). MADE IN THE USA
<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STRANDING</th>
<th>INSULATION THICKNESS</th>
<th>JACKET THICKNESS</th>
<th>MINOR</th>
<th>MAJOR</th>
<th>STANDARD PACKAGING</th>
<th>SHIPPING WEIGHT LBS/1000 FT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>IN MM</td>
<td>IN MM</td>
<td>IN MM</td>
<td>IN MM</td>
<td>IN MM</td>
<td>IN MM</td>
<td></td>
</tr>
<tr>
<td>18/2</td>
<td>16/010</td>
<td>0.023</td>
<td>0.58</td>
<td>0.028</td>
<td>0.71</td>
<td>0.150</td>
<td>3.81</td>
</tr>
<tr>
<td>16/2</td>
<td>19/0112</td>
<td>0.023</td>
<td>0.58</td>
<td>0.028</td>
<td>0.71</td>
<td>0.160</td>
<td>4.06</td>
</tr>
<tr>
<td>14/2</td>
<td>19/0140</td>
<td>0.023</td>
<td>0.58</td>
<td>0.030</td>
<td>0.76</td>
<td>0.182</td>
<td>4.62</td>
</tr>
<tr>
<td>12/2</td>
<td>19/0177</td>
<td>0.026</td>
<td>0.66</td>
<td>0.030</td>
<td>0.76</td>
<td>0.208</td>
<td>5.28</td>
</tr>
<tr>
<td>10/2</td>
<td>19/0223</td>
<td>0.031</td>
<td>0.79</td>
<td>0.030</td>
<td>0.76</td>
<td>0.235</td>
<td>5.97</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.
FEATURES
- Special stranding and packaging are available upon request.
- Custom print available upon request.

Applications
- Trucks, Buses, Trailers and General Use.

CONSTRUCTION
Stranded copper conductor insulated with PVC (GPT 80º or 105°C) and jacketed with 80º C or 105°C PVC to form a flat multiconductor cable. Operating temperatures -40°C min to 80°C or 105°C max. Inner conductors meet SAE J1128.
# AUTOMOTIVE TRIPLEX

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STRANDING</th>
<th>INSULATION THICKNESS</th>
<th>JACKET THICKNESS</th>
<th>MINOR</th>
<th>MAJOR</th>
<th>STANDARD PACKAGING</th>
<th>SHIPPING WEIGHT LBS/1000 FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>IN</td>
<td>MM</td>
<td>IN</td>
<td>MM</td>
<td>IN</td>
<td>MM</td>
<td>IN</td>
<td>MM</td>
</tr>
<tr>
<td>16/3</td>
<td>19/0112</td>
<td>0.023</td>
<td>0.58</td>
<td>0.028</td>
<td>0.71</td>
<td>0.160</td>
<td>4.06</td>
</tr>
<tr>
<td>14/3</td>
<td>19/0140</td>
<td>0.023</td>
<td>0.58</td>
<td>0.030</td>
<td>0.76</td>
<td>0.177</td>
<td>4.50</td>
</tr>
<tr>
<td>12/3</td>
<td>19/0177</td>
<td>0.026</td>
<td>0.66</td>
<td>0.030</td>
<td>0.76</td>
<td>0.208</td>
<td>5.28</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM
P 717-336-5575
FEATURES
– Special stranding and packaging are available upon request.
– Custom print available upon request.

Applications
– Trucks, Buses, Trailers and General Use.

CONSTRUCTION
Stranded copper conductor insulated with PVC (GPT 80º or 105°C) and jacketed with 80º C or 105°C PVC to form a flat multiconductor cable. Operating temperatures -40°C min to 80°C or 105°C max. Inner conductors meet SAE J1128.
### AUTOMOTIVE QUADRUPLE X

<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STRANDING</th>
<th>INSULATION THICKNESS</th>
<th>JACKET THICKNESS</th>
<th>MAJOR O.D.</th>
<th>MINOR O.D.</th>
<th>STANDARD PACKAGING</th>
<th>SHIPPING WEIGHT LBS/1000 FT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>IN</td>
<td>MM</td>
<td>IN</td>
<td>MM</td>
<td>IN</td>
<td>MM</td>
</tr>
<tr>
<td>16/4</td>
<td>19/0112</td>
<td>0.023</td>
<td>0.58</td>
<td>0.024</td>
<td>0.61</td>
<td>0.160</td>
<td>4.06</td>
</tr>
<tr>
<td>14/4</td>
<td>19/0140</td>
<td>0.023</td>
<td>0.58</td>
<td>0.024</td>
<td>0.61</td>
<td>0.165</td>
<td>4.19</td>
</tr>
<tr>
<td>12/4</td>
<td>19/0177</td>
<td>0.026</td>
<td>0.66</td>
<td>0.030</td>
<td>0.76</td>
<td>0.208</td>
<td>5.28</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

**KALAS MAILING ADDRESS**
167 Greenfield Road
Lancaster, PA 17601

**TULSA WAREHOUSE**
1810 East Jasper St.
Tulsa, Oklahoma 74110

**KALASWIRE.COM**
P 717-336-5575
BOOSTER DUPLEX

FEATURES
– Alternative copper, insulations, and packaging are available upon request
– Custom constructions also available with pilot wire

APPLICATIONS
– Cable used as temporary starter for battery-powered vehicles.

CONSTRUCTION
Highly flexible stranded copper extruded with a high grade TPE or PVC. Operating temperatures are available from 105°C to temperatures as low as -60°C. One leg ribbed or colored for easy identification of polarity.

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

ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED

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

MADE IN THE USA
## Booster Duplex

<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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>in</td>
<td>mm</td>
<td>min. x maj. in</td>
<td>min. x maj. mm</td>
<td></td>
</tr>
<tr>
<td>10/2</td>
<td>0.030”</td>
<td>7.62</td>
<td>0.180” x 0.375”</td>
<td>45.72 x 95.25</td>
<td>1500</td>
</tr>
<tr>
<td>8/2</td>
<td>0.060”</td>
<td>15.24</td>
<td>0.285” x 0.575”</td>
<td>72.39 x 146.05</td>
<td>1000</td>
</tr>
<tr>
<td>6/2</td>
<td>0.090”</td>
<td>22.86</td>
<td>0.380” x 0.845”</td>
<td>96.52 x 214.63</td>
<td>500</td>
</tr>
<tr>
<td>4/2</td>
<td>0.077”</td>
<td>19.55</td>
<td>0.400” x 0.930”</td>
<td>101.6 x 120.65</td>
<td>500</td>
</tr>
<tr>
<td>2/2</td>
<td>0.087”</td>
<td>22.10</td>
<td>0.475” x 1.075”</td>
<td>137.16 x 273.05</td>
<td>1000</td>
</tr>
<tr>
<td>1/2</td>
<td>0.100”</td>
<td>25.4</td>
<td>0.540” x 1.230”</td>
<td>137.16 x 312.42</td>
<td>1250</td>
</tr>
<tr>
<td>1/0 – 2</td>
<td>0.080”</td>
<td>20.32</td>
<td>0.550” x 1.210”</td>
<td>139.70 x 307.34</td>
<td>2000</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM
P 717-336-5575
FEATURES
– Special stranding and packaging are available upon request.
– Customizable PermaPrint™ indent print that lasts a lifetime and inkjet print are available on all colors & sizes.
– Non-wicking polypropylene and reinforced paper fillers available.
– R available as required by UL 507 Standard for Electric Fans, UL 1278 Standard for Electric Room Heaters, and UL 1042 Standard for Electric Baseboard Heating Equipment for 18/3, 16/3, and 14/3 fillerless cord.

APPLICATIONS
– See National Electric Code (NEC)

CONSTRUCTION
Bare or tinned stranded copper conductor insulated with PVC (T cords) or TPE to (E cords) conform to UL 62 & CSA C22.2 No. 49 TRI-NATIONAL (FLEX CORD). PVC available 60°C or 105°C. TPE available 90°C or 105°C. SJT SJTO SJTOO SJTW SJTOW SJTOOW / SJE SJEOW SJTOO SJEW SJEOW SJTOO SJEW SJEO SJEOO SJEW SJEOW SJEOOW SJT-R SJTOO SJTOO-R SJTW-R SJTOW-R SJTOOW-R *18/2 all fillerless constructions are enhanced with a micro poly strength member in the copper for mechanical strength.

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

ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED
UL LISTED

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

MADE IN THE USA
# 300 Volt PVC & TPE Flexible Cord

<table>
<thead>
<tr>
<th>Gauge</th>
<th>Stranding</th>
<th>Insulation Thickness</th>
<th>Jacket Thickness</th>
<th>Nominal O.D. with Filler</th>
<th>Nominal O.D. Fillerless</th>
<th>Standard Package</th>
<th>Shipping Weight - Lbs/1000 Ft. with Filler</th>
<th>Shipping Weight - Lbs/1000 Ft. Fillerless</th>
</tr>
</thead>
<tbody>
<tr>
<td>18/2*</td>
<td>16/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>0.302 7.67</td>
<td>N/A N/A</td>
<td>5500</td>
<td>36</td>
<td>N/A</td>
</tr>
<tr>
<td>18/3</td>
<td>16/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>0.309 7.85</td>
<td>0.306 7.77</td>
<td>5000</td>
<td>47</td>
<td>55</td>
</tr>
<tr>
<td>18/4</td>
<td>16/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>0.338 8.59</td>
<td>0.335 8.51</td>
<td>4000</td>
<td>59</td>
<td>68</td>
</tr>
<tr>
<td>18/5</td>
<td>16/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>N/A N/A</td>
<td>0.395 10.03</td>
<td>2000</td>
<td>N/A</td>
<td>98</td>
</tr>
<tr>
<td>16/2</td>
<td>26/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>0.315 8.00</td>
<td>N/A N/A</td>
<td>5000</td>
<td>45</td>
<td>N/A</td>
</tr>
<tr>
<td>16/3</td>
<td>26/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>0.335 8.51</td>
<td>0.332 8.43</td>
<td>4500</td>
<td>59</td>
<td>70</td>
</tr>
<tr>
<td>16/4</td>
<td>26/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>0.367 9.32</td>
<td>0.264 6.71</td>
<td>3500</td>
<td>75</td>
<td>87</td>
</tr>
<tr>
<td>14/2</td>
<td>41/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>0.351 8.92</td>
<td>N/A N/A</td>
<td>4000</td>
<td>60</td>
<td>N/A</td>
</tr>
<tr>
<td>14/3</td>
<td>41/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>0.374 9.50</td>
<td>0.371 9.42</td>
<td>3500</td>
<td>80</td>
<td>95</td>
</tr>
<tr>
<td>14/4</td>
<td>41/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>0.411 10.44</td>
<td>0.408 10.36</td>
<td>3000</td>
<td>103</td>
<td>119</td>
</tr>
<tr>
<td>14/5</td>
<td>41/010</td>
<td>0.030 0.76</td>
<td>0.030 0.76</td>
<td>0.465 11.81</td>
<td>N/A N/A</td>
<td>3000</td>
<td>163</td>
<td>N/A</td>
</tr>
<tr>
<td>12/2</td>
<td>65/010</td>
<td>0.030 0.76 0.045 1.14</td>
<td>0.412 10.46</td>
<td>N/A N/A</td>
<td>2500 89</td>
<td>N/A</td>
<td>89</td>
<td>N/A</td>
</tr>
<tr>
<td>12/3</td>
<td>65/010</td>
<td>0.030 0.76 0.045 1.14</td>
<td>0.437 11.10</td>
<td>N/A N/A</td>
<td>2500 117</td>
<td>N/A</td>
<td>117</td>
<td>N/A</td>
</tr>
<tr>
<td>12/4</td>
<td>65/010</td>
<td>0.030 0.76 0.045 1.14</td>
<td>0.478 12.14</td>
<td>N/A N/A</td>
<td>2000 148</td>
<td>N/A</td>
<td>148</td>
<td>N/A</td>
</tr>
<tr>
<td>10/2</td>
<td>104/010</td>
<td>0.045 1.14 0.060 1.52</td>
<td>0.555 14.10</td>
<td>N/A N/A</td>
<td>1500 153</td>
<td>N/A</td>
<td>153</td>
<td>N/A</td>
</tr>
<tr>
<td>10/3</td>
<td>104/010</td>
<td>0.045 1.14 0.060 1.52</td>
<td>0.589 14.96</td>
<td>N/A N/A</td>
<td>1500 205</td>
<td>N/A</td>
<td>205</td>
<td>N/A</td>
</tr>
<tr>
<td>10/4</td>
<td>104/010</td>
<td>0.045 1.14 0.060 1.52</td>
<td>0.646 16.41</td>
<td>N/A N/A</td>
<td>1000 260</td>
<td>N/A</td>
<td>260</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM
P 717-336-5575
600 VOLT PVC & TPE FLEXIBLE CORD

FEATURES
– Special stranding and packaging are available upon request.
– Customizable PermaPrint™ indent print that lasts a lifetime and inkjet print are available on all colors & sizes.
– Non-wicking polypropylene or reinforced paper fillers available.

APPLICATIONS
– Reference National Electric Code (NEC)

CONSTRUCTION
Bare or tinned stranded copper conductor insulated with PVC or TPE and jacketed with PVC or TPE to conform to UL and CSA. PVC available 60°C or 105°C. TPE available 90°C or 105°C. ST STO STOO STW STOW STOOW / SE SEO SEOO SEW SEOW SEOOW.

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

ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED
RoHS: Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended).
# 600 Volt PVC & TPE Flexible Cord

<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>
</tr>
</thead>
<tbody>
<tr>
<td>18/2</td>
<td>16/.010</td>
<td>0.030 0.76</td>
<td>0.060 1.52</td>
<td>0.351 8.92</td>
<td>4000</td>
<td>53</td>
</tr>
<tr>
<td>18/3</td>
<td>16/.010</td>
<td>0.030 0.76</td>
<td>0.060 1.52</td>
<td>0.366 9.30</td>
<td>3500</td>
<td>64</td>
</tr>
<tr>
<td>18/4</td>
<td>16/.010</td>
<td>0.030 0.76</td>
<td>0.060 1.52</td>
<td>0.395 10.03</td>
<td>3000</td>
<td>77</td>
</tr>
<tr>
<td>18/5</td>
<td>16/.010</td>
<td>0.030 0.76</td>
<td>0.060 1.52</td>
<td>0.469 11.91</td>
<td>1500</td>
<td>108</td>
</tr>
<tr>
<td>16/2</td>
<td>26/.010</td>
<td>0.030 0.76</td>
<td>0.060 1.52</td>
<td>0.372 9.45</td>
<td>3000</td>
<td>63</td>
</tr>
<tr>
<td>16/3</td>
<td>26/.010</td>
<td>0.030 0.76</td>
<td>0.060 1.52</td>
<td>0.392 9.96</td>
<td>3000</td>
<td>78</td>
</tr>
<tr>
<td>16/4</td>
<td>26/.010</td>
<td>0.030 0.76</td>
<td>0.060 1.52</td>
<td>0.425 10.80</td>
<td>2500</td>
<td>96</td>
</tr>
<tr>
<td>14/2</td>
<td>41/.010</td>
<td>0.045 1.14</td>
<td>0.080 2.03</td>
<td>0.509 12.93</td>
<td>1500</td>
<td>113</td>
</tr>
<tr>
<td>14/3</td>
<td>41/.010</td>
<td>0.045 1.14</td>
<td>0.080 2.03</td>
<td>0.536 13.61</td>
<td>1500</td>
<td>142</td>
</tr>
<tr>
<td>14/4</td>
<td>41/.010</td>
<td>0.045 1.14</td>
<td>0.080 2.03</td>
<td>0.581 14.76</td>
<td>1500</td>
<td>172</td>
</tr>
<tr>
<td>12/2</td>
<td>65/.010</td>
<td>0.045 1.14</td>
<td>0.095 2.41</td>
<td>0.571 14.50</td>
<td>1500</td>
<td>150</td>
</tr>
<tr>
<td>12/3</td>
<td>65/.010</td>
<td>0.045 1.14</td>
<td>0.095 2.41</td>
<td>0.611 15.52</td>
<td>1000</td>
<td>188</td>
</tr>
<tr>
<td>12/4</td>
<td>65/.010</td>
<td>0.045 1.14</td>
<td>0.095 2.41</td>
<td>0.650 16.51</td>
<td>1000</td>
<td>228</td>
</tr>
<tr>
<td>10/2</td>
<td>104/.010</td>
<td>0.045 1.14</td>
<td>0.095 2.41</td>
<td>0.622 15.80</td>
<td>1000</td>
<td>189</td>
</tr>
<tr>
<td>10/3</td>
<td>104/.010</td>
<td>0.045 1.14</td>
<td>0.095 2.41</td>
<td>0.655 16.64</td>
<td>1000</td>
<td>242</td>
</tr>
<tr>
<td>10/4</td>
<td>104/.010</td>
<td>0.045 1.14</td>
<td>0.095 2.41</td>
<td>0.711 18.06</td>
<td>1000</td>
<td>299</td>
</tr>
<tr>
<td>10/5</td>
<td>104/.010</td>
<td>0.045 1.14</td>
<td>0.095 2.41</td>
<td>0.735 18.67</td>
<td>1000</td>
<td>387</td>
</tr>
<tr>
<td>8/3</td>
<td>168/.010</td>
<td>0.060 1.52</td>
<td>0.110 2.79</td>
<td>0.841 21.36</td>
<td>500</td>
<td>390</td>
</tr>
<tr>
<td>8/4</td>
<td>168/.010</td>
<td>0.060 1.52</td>
<td>0.125 3.18</td>
<td>0.950 24.13</td>
<td>500</td>
<td>510</td>
</tr>
<tr>
<td>6/3</td>
<td>266/.010</td>
<td>0.060 1.52</td>
<td>0.125 3.18</td>
<td>0.960 24.38</td>
<td>500</td>
<td>545</td>
</tr>
<tr>
<td>6/4</td>
<td>266/.010</td>
<td>0.060 1.52</td>
<td>0.140 3.56</td>
<td>1.080 27.43</td>
<td>500</td>
<td>710</td>
</tr>
<tr>
<td>6/3, 8/1</td>
<td>266/.010</td>
<td>0.060 1.52</td>
<td>0.140 3.56</td>
<td>1.060 26.92</td>
<td>500</td>
<td>700</td>
</tr>
<tr>
<td>4/3</td>
<td>420/.010</td>
<td>0.060 1.52</td>
<td>0.140 3.56</td>
<td>1.143 29.03</td>
<td>500</td>
<td>765</td>
</tr>
<tr>
<td>4/4</td>
<td>420/.010</td>
<td>0.060 1.52</td>
<td>0.155 3.94</td>
<td>1.265 32.13</td>
<td>250</td>
<td>820</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

**Kalas Mailing Address**
167 Greenfield Road
Lancaster, PA 17601

**Tulsa Warehouse**
1810 East Jasper St.
Tulsa, Oklahoma 74110

**Kalaswire.com**
P 717-336-5575
FEATURES
– Special stranding and packaging are available upon request.
– Oil Resistant
– Custom print available upon request.

APPLICATIONS
– Used in oil filled transformers or liquid substations.

CONSTRUCTION
Stranded bare copper conductor insulated with a high grade RoHS compliant PVC. Maximum conductor operating temperature is 105°C in circuits not exceeding 600 volts. 60°C oil resistant insulation and 105°C operating temperature per UL 1581 Table 50.182

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

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

ISO 9001:2015 CERTIFIED
ISO 14001:2015 CERTIFIED
# Transformer Lead Wire

<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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>in</td>
<td>mm</td>
<td>in</td>
<td>mm</td>
</tr>
</tbody>
</table>
| 14    | 19/.0140   | 0.060                | 1.52         | 0.191            | 4.85                         | 5000                         | 27
| 12    | 19/.0177   | 0.060                | 1.52         | 0.210            | 5.33                         | 5000                         | 36
| 10    | 19/.0223   | 0.060                | 1.52         | 0.234            | 5.94                         | 2000                         | 52
| 10    | 104/.0100  | 0.060                | 1.52         | 0.238            | 6.05                         | 1500                         | 55
| 8     | 19/.0281   | 0.080                | 2.03         | 0.294            | 7.47                         | 2500                         | 81
| 6     | 19/.0372   | 0.080                | 2.03         | 0.340            | 8.64                         | 1000                         | 122
| 6     | 37/.0260   | 0.080                | 2.03         | 0.345            | 8.76                         | 2500                         | 122
| 4     | 61/.0250   | 0.080                | 2.03         | 0.385            | 9.78                         | 500                          | 167
| 2     | 7/19/.0218 | 0.080                | 2.03         | 0.470            | 11.94                        | 500                          | 260
| 1     | 7/19/.0243 | 0.080                | 2.03         | 0.510            | 12.95                        | 500                          | 317
| 1/0   | 19/7/.0275 | 0.080                | 2.03         | 0.555            | 14.10                        | 500                          | 391
| 2/0   | 19/7/.0309 | 0.080                | 2.03         | 0.605            | 15.37                        | 500                          | 477
| 3/0   | 19/19/.0210| 0.080                | 2.03         | 0.665            | 16.89                        | 500                          | 600
| 4/0   | 19/19/.0239| 0.080                | 2.03         | 0.735            | 18.67                        | 500                          | 754

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

**KALAS MAILING ADDRESS**
167 Greenfield Road
Lancaster, PA 17601

**TULSA WAREHOUSE**
1810 East Jasper St.
Tulsa, Oklahoma 74110

**KALASWIRE.COM**
P 717-336-5575
UL / CSA MULTI-RATE
SINGLE CONDUCTOR PVC

FEATURES
– Special stranding and packaging are available upon request.
– Custom print available upon request.
– Custom Multi-Rate is available upon request.
– UL listed per Standard 1426 when marked “BC-5W2”*
– UL listed per Standard 1063 when printed “MTW”
– UL listed per Standard 83 when printed “TW” or THW” as applicable per marking**
– UL Recognized Component per AWM Standard 758 for Appliance Wiring Materials when printed “AWM”
– Cable marked BC-5W2 conforms to ABYC standards
* Wire is printed Oil Resistant.
**Oil Resistance at 60C marking is available upon request

APPLICATIONS
– Wiring of boats, appliances, machinery, radios, and construction wire.

CONSTRUCTION
High grade PVC, available with tinned or bare copper. UL recognized per Standard 758 per facing page information for each specific UL Style number.

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

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

MADE IN THE USA
<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STRANDING</th>
<th>UL &amp; CSA APPROVALS</th>
<th>INSULATION THICKNESS</th>
<th>NOMINAL O.D.</th>
<th>TEMP (DRY - WET)</th>
<th>STANDARD PACKAGING</th>
<th>SHIPPING WEIGHT LBS/1000 FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>16/.010&quot;</td>
<td>MTW AWM 1015/1230/1335/1032 / TEW TR-32</td>
<td>0.030</td>
<td>0.76</td>
<td>0.111</td>
<td>2.82</td>
<td>105°C-60°C / 600V</td>
</tr>
<tr>
<td>16</td>
<td>26/.010&quot;</td>
<td>BC-SW2 MTW AWM 1015/1230/1335/1032 / TEW TR-32</td>
<td>0.030</td>
<td>0.76</td>
<td>0.123</td>
<td>3.12</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>14</td>
<td>19/.0147&quot;</td>
<td>BC-SW2 MTW THW AWM 1015/1230/1335/1032 / TEW TR-32</td>
<td>0.030</td>
<td>0.76</td>
<td>0.136</td>
<td>3.45</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>14</td>
<td>41/.010&quot;</td>
<td>BC-SW2 MTW THW AWM 1015/1230/1335/1032 / TEW TR-32</td>
<td>0.030</td>
<td>0.76</td>
<td>0.136</td>
<td>3.45</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>12</td>
<td>19/.0185&quot;</td>
<td>BC-SW2 MTW THW AWM 1015/1230/1335/1032 / TEW TR-32</td>
<td>0.030</td>
<td>0.76</td>
<td>0.156</td>
<td>3.96</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>12</td>
<td>65/.010&quot;</td>
<td>BC-SW2 MTW THW AWM 1015/1230/1335/1032 / TEW TR-32</td>
<td>0.030</td>
<td>0.76</td>
<td>0.156</td>
<td>3.96</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>10</td>
<td>19/.0234&quot;</td>
<td>BC-SW2 MTW THW AWM 1015/1230/1335/1032 / TEW TR-32</td>
<td>0.030</td>
<td>0.76</td>
<td>0.181</td>
<td>4.60</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>10</td>
<td>104/.010&quot;</td>
<td>BC-SW2 MTW THW AWM 1015/1230/1335/1032 / TEW TR-32</td>
<td>0.030</td>
<td>0.76</td>
<td>0.181</td>
<td>4.60</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>8</td>
<td>19/.0295&quot;</td>
<td>BC-SW2 MTW THW AWM 1024/1028/1228/1231/1336/1032 TEW</td>
<td>0.045</td>
<td>1.14</td>
<td>0.238</td>
<td>6.05</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>8</td>
<td>133/.0112&quot;</td>
<td>BC-SW2 MTW THW AWM 1024/1028/1228/1231/1336/1032 TEW</td>
<td>0.045</td>
<td>1.14</td>
<td>0.249</td>
<td>6.32</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>6</td>
<td>19/.0372&quot;</td>
<td>BC-SW2 MTW THW AWM 1232/1283/1337 TEW</td>
<td>0.060</td>
<td>1.52</td>
<td>0.305</td>
<td>7.75</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>6</td>
<td>133/.0140&quot;</td>
<td>BC-SW2 MTW THW AWM 1232/1283/1337 TEW</td>
<td>0.060</td>
<td>1.52</td>
<td>0.321</td>
<td>8.15</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>4</td>
<td>133/.0177&quot;</td>
<td>BC-SW2 MTW THW AWM 1232/1283/1337 TEW</td>
<td>0.060</td>
<td>1.52</td>
<td>0.386</td>
<td>9.80</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>2</td>
<td>133/.0223&quot;</td>
<td>BC-SW2 MTW THW AWM 1232/1283/1337 TEW</td>
<td>0.060</td>
<td>1.52</td>
<td>0.468</td>
<td>11.89</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>1</td>
<td>133/.0251&quot;</td>
<td>BC-SW2 MTW THW AWM 1232/1284/1338 TEW</td>
<td>0.080</td>
<td>2.03</td>
<td>0.533</td>
<td>13.54</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>1/0</td>
<td>133/.0282&quot;</td>
<td>BC-SW2 MTW THW AWM 1232/1284/1338 TEW</td>
<td>0.080</td>
<td>2.03</td>
<td>0.583</td>
<td>14.81</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>2/0</td>
<td>133/.0316&quot;</td>
<td>BC-SW2 MTW THW AWM 1232/1284/1338 TEW</td>
<td>0.080</td>
<td>2.03</td>
<td>0.630</td>
<td>16.00</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>3/0</td>
<td>418/.0201&quot;</td>
<td>BC-SW2 MTW THW AWM 1232/1284/1338 TEW</td>
<td>0.080</td>
<td>2.03</td>
<td>0.690</td>
<td>17.53</td>
<td>105°C-75°C / 600V</td>
</tr>
<tr>
<td>4/0</td>
<td>551/.0196&quot;</td>
<td>BC-SW2 MTW THW AWM 1232/1284/1338 TEW</td>
<td>0.080</td>
<td>2.03</td>
<td>0.770</td>
<td>19.56</td>
<td>105°C-75°C / 600V</td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE
1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM
P 717-336-5575
FEATURES
– Special stranding and packaging are available upon request.
– Resistant to acid, abrasion, alkalis, coolant, diesel fuel, ethanol, flame, gas, ozone, power steering fluid, oil and transmission fluid.
– Custom print available upon request.

APPLICATIONS
– For use in boats, buses, cars, lift trucks, RV’s, tractors and trucks.

CONSTRUCTION
SAE GPT Primary Wire 60V DC is constructed with flexible stranded copper conductor. Insulation is a high grade RoHS compliant 80°C PVC, also available in 105°C PVC. Kalas GPT Primary Wire is constructed to meet the requirements of SAE J1128. TWP and HDT are available upon request.

### GAUGE
<table>
<thead>
<tr>
<th>GAUGE</th>
<th>STRANDING</th>
<th>INSULATION THICKNESS</th>
<th>NOMINAL O.D.</th>
<th>STANDARD PACKAGE REEL OR DRUM</th>
<th>SHIPPING WEIGHT -LBS/1000 FT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>16/.010</td>
<td>0.023</td>
<td>0.094</td>
<td>2.39</td>
<td>6000 / 50000</td>
</tr>
<tr>
<td>16</td>
<td>19/.0112</td>
<td>0.023</td>
<td>0.103</td>
<td>2.62</td>
<td>5000 / 30000</td>
</tr>
<tr>
<td>14</td>
<td>19/.0140</td>
<td>0.023</td>
<td>0.117</td>
<td>2.97</td>
<td>4000 / 25000</td>
</tr>
<tr>
<td>12</td>
<td>19/.0177</td>
<td>0.026</td>
<td>0.142</td>
<td>3.61</td>
<td>2500 / 18000</td>
</tr>
<tr>
<td>10</td>
<td>19/.0223</td>
<td>0.031</td>
<td>0.168</td>
<td>4.27</td>
<td>1500 / 12000</td>
</tr>
<tr>
<td>8</td>
<td>19/.0281</td>
<td>0.037</td>
<td>0.208</td>
<td>5.28</td>
<td>1000 / 8000</td>
</tr>
</tbody>
</table>

Specifications contained herein reflect current data and are subject to change. Values are nominal and/or approximate. ISO 9001:2015 CERTIFIED ISO 14001:2015 CERTIFIED RoHS: Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended).

MADE IN THE USA
EXTRUDED STRIPE

• Increase your cable’s visibility
• Integrate your brand color
• Easy identification

CUSTOMIZATION OPTIONS

• Custom Print Legend Available
• Choose Indent or Ink Cable Print
• Made to Order
• Minimum Order Quantities Apply

Now Available for Type W & Welding Cable!
Cable Your Way
Custom Options to Support Your Needs

COLORED CABLE

MARKETING SERVICES
Graphic design for custom selling tools to build your brand

PACKAGING

PRINT LEGEND OPTIONS
PermaPrint™ that will not melt, rub, wash or wear off
Inkjet available on short runs & stock material
Print Wheel dot-matrix legend to include your logo and brand name

PLUS:
• Bar Coding
• Copper Programs
• Vendor Inventory Management
• Assemblies
TERMINATED BATTERY CABLES
Customized Solutions For All Applications

Ring Terminals
Tapered Post Terminals
Over-molding
Anderson Connector

FULLY CUSTOMIZABLE BATTERY CABLES.

Multiple Interconnects
Ground Straps
Cable Kits
& More!

OFFERING EVERY CUSTOM CABLE CAPABILITY YOU NEED
CUSTOM TERMINATED BATTERY CABLES

Create the Custom Cable You Need

- Wide variety of termination options
- Engineering expertise
- Boots, interconnects & special components
- Wide selection of protective coverings
- Complex routing features like elbows & tees

Superior Routing Options  Create the exact configuration you need!
MOLDED LEAD BATTERY TERMINALS & ROUTING FEATURES

Pressure-cast lead design reinforced with steel
SUPERIOR ELECTRICAL BOND & CORROSION RESISTANCE OVER TIME

CREATE CUSTOM TERMINALS WITH KALAS

We strip the cable, liquefy lead and mold the configuration you need. In-house engineers can create your unique configuration!

WHATEVER TERMINAL YOU WANT TO CREATE, YOU CAN WITH KALAS

Contact us to begin! 717-336-5575 | info@kalaswire.com
ENDLESS CONFIGURATIONS
With Kalas, your termination challenges can be solved.

CREATE YOUR CUSTOM CABLE WITH THESE FEATURES & MORE.

Flag Style Lead and Ring Terminals

In line Flag Style Terminals - Single to Double Cables

Multiple Wire Complex Configurations

Special Boots and Coverings

Unique Routing Features like Ts, Elbows and direction changes

Protective Coverings

IF YOU IMAGINE IT, WE CAN MAKE IT.
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 headquarters and a conference center, Kalas is able to ensure integration during all stages of the production process as well as offer customers superior service with a wide range of capabilities.

MAILING ADDRESS & CORPORATE OFFICES
167 Greenfield Road, Lancaster, PA 17601
Corporate Offices and Engineered Terminated Battery Cable Division

KALAS CORPORATE (KC)
80 Denver Road, Denver, PA 17517
Velocity Center and Corporate Offices

PLANT #1 (K1)
25 Main Street, Denver, PA 17517
Copper Rod Mill

PLANT #2 (K2)
86 Denver Road, Denver, PA 17517
Insulation Extrusion, Value-Add Assemblies

WAREHOUSE LOCATION

Tulsa Warehouse
1810 East Jasper St.
Tulsa, Oklahoma 74110

Available Everywhere You Need Us
WWW.KALASWIRE.COM
We are cable.

Cable you can trust,
Customer service that cares.

kalaswire.com