



**KALAS** | ENTERTAINMENT CABLE



# DELIVERING DEPENDABILITY

FOR MORE THAN A HALF CENTURY

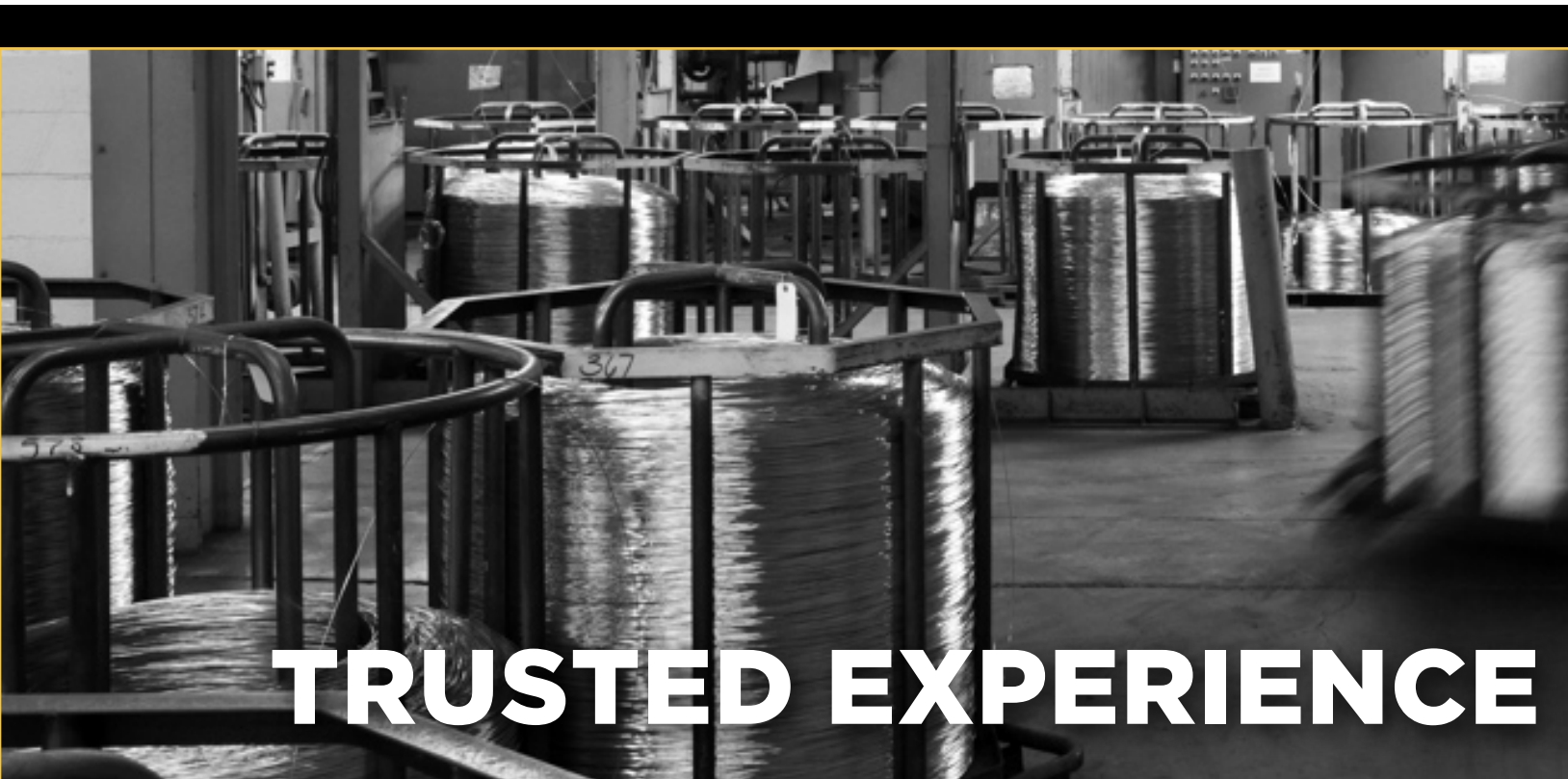
Kalas is a full-service manufacturer of copper wire & cable with over 60 years of experience. We are strategically positioned to deliver quality cable & value-add solutions to the welding, oil & gas markets.



## OFFERING YOU COLLABORATIVE SOLUTIONS

REINFORCING OUR POSITION AS A PROVEN PARTNER YOU CAN RELY ON.

- MARKET LEADER •
- FULLY-INTEGRATED MANUFACTURER •
- DEPENDABLE PARTNER •



TRUSTED EXPERIENCE

## WE OFFER YOU SUPERIOR MATERIAL CONTROL

Through Owning Each  
Stage of Production.

**DRAWN COPPER**  
fabricated from  
5/16" copper rod

**40+ MILLION POUNDS**  
of copper processed annually

**15 STATE-OF-THE-ART**  
extrusion lines

**CUSTOM & COMPETITIVE**  
value-add solutions

**Manufacturing Quality  
Cable You Can Trust.**

**STRATEGIC**  
VERTICAL INTEGRATION





# GENFLEX™ TYPE W PORTABLE POWER CABLE



## FEATURES

- Superior flexibility for ease of use coiling, transportation and storing
- Wet rating 90 C, Sunlight resistant, and 75C 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



## 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

## CONSTRUCTION

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

GAUGE	STRANDING	INSULATION THICKNESS		JACKET THICKNESS		NOMINAL O.D.		STANDARD PACKAGE	SHIPPING WEIGHT -LBS/ 1000 FT.
		in	mm	in	mm	in	mm		
8	7x24/.0100"	0.060	1.52	0.075	1.91	0.445	11.30	1,000'	132
6	7x38/.010"	0.060	1.52	0.095	2.41	0.525	13.32	1,000'	195
4	7x60/.010"	0.060	1.52	0.095	2.41	0.592	15.02	1,000'	264
2	7x95/.010"	0.060	1.52	0.095	2.41	0.645	16.37	1,000'	352
1	19x44/.010"	0.080	2.03	0.095	2.41	0.725	18.40	1,000'	454
1/0	19x56/.010"	0.080	2.03	0.095	2.41	0.775	19.67	1,000' / 2,000'	535
2/0	19x70/.010"	0.080	2.03	0.095	2.41	0.828	21.02	1,000' / 2,000'	643
3/0	19x88/.010"	0.080	2.03	0.095	2.41	0.883	22.42	1,000' / 2,000'	782
4/0	19x111/.010"	0.080	2.03	0.095	2.41	0.953	24.19	1,000' / 2,000'	941

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



# WIRE & CABLE

OVER A HALF CENTURY OF EXPERTISE



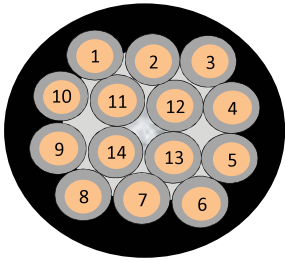
# 12 GAUGE / 14 CONDUCTOR ENTERTAINMENT LIGHTING CABLE





- 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 𐤔𐤓𐤐𐤕 - 𐤔

CONDUCTOR;

- 12 gauge
- 65 strands
- .010” bare copper

INSULATION SINGLES;

- PVC compound; 105°C
- .144”+/- .003” OD
- .026” Min. Avg. Wall
- Grey insulation

JACKET;

- PVC compound; 105°C
- .795”+/- .015” OD
- .080” Min. Avg. Wall
- Matte black jacket

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

# 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 ( 1.31mm<sup>2</sup> ) E31793 (UL) SEOOW 600V 105°C (WATER RESISTANT 60°C) VW-1 --- 7/C 1.31mm<sup>2</sup> ( 16 AWG ) LL22035 CSA SEOOW 600V 105°C VW-1

CONDUCTOR;

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

INSULATION SINGLES;

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

JACKET;

- TPE compound; 105°C
- .563” +/- .010” diameter
- .080” Min. Avg. Wall
- Matte black jacket

- Rated to 600 Volts
- Packaging 500’ on 24”x9”x8” reel 1500 ft. on 30”x16”x12” reel
- Product Weight 198lb/1,000’
- Paper Separator
- Filler
- UL 62 and CSA 22.2 NO. 49-14

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.

MADE IN USA

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MADE IN USA



# GENFLEX™ TYPE SC ENTERTAINMENT CABLE



# KALAS | 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 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.

GAUGE	STRANDING	INSULATION THICKNESS		NOMINAL O.D.		STANDARD PACKAGE	SHIPPING WEIGHT -LBS/ 1000 FT.
		in	mm	in	mm		
8	7x24/.0100"	0.110	2.79	0.380	9.65	500	112
6	7x37/.010"	0.110	2.79	0.420	10.67	500	149
4	7x60/.010"	0.110	2.79	0.480	12.19	500	212
2	7x95/.010"	0.110	2.79	0.540	13.72	500	299
1	19x44/.010"	0.110	2.79	0.580	14.73	500	369
1/0	19x56/.010"	0.110	2.79	0.630	16.00	500	458
2/0	19x70/.010"	0.110	2.79	0.680	17.27	500	558
3/0	19x88/.010"	0.110	2.79	0.730	18.54	500	676
4/0	19x111/.010"	0.110	2.79	0.790	20.07	500	826
250 MCM	19x133/.010"	0.110	2.79	0.850	21.59	500	846

## CUSTOM COLLATERAL

Selling tools tailor-made to the needs of our valued partners

### PRODUCT DATA SHEETS

Highlight product specifications  
and performance features



### PRODUCT SAMPLES

Readily available



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ISO 9001:2015 CERTIFIED  
ISO 14001:2015 CERTIFIED



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

<b>MTW</b> PVC 90°C 600 Volts #18 – 500 MCM	<b>TEW</b> PVC 105°C 600 Volts #18 – 500 MCM	<b>TR32</b> PVC 90°C 1400 Volts #18 – #10	<b>TR64</b> PVC 90°C 600 Volts #18 – #14
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UTILITY

UTILIFLEX™ GROUNDING CABLE

PVC or TPE  
-40°C – 90°C  
600 Volts  
2 – 4/0 gauge

UTILIFLEX™ JUMPER CABLE

EPR (Thermoset Ethylene-Propylene Rubber )  
2ga, 1/0, 2/0, 4/0 15kV  
1/0, 2/0, 4/0 25kV  
1/0 35kV

TRACER (UL)

Polyethylene  
30 or 600 Volts  
Bare Copper 16 – 14 AWG  
10-14 AWG

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 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  
2 AWG 3 conductor with #6 ground  
1/0 - 2/0 3 conductor with #6 ground

INDUSTRIAL POWER

TOUGHFLEX™ EPDM WELDING CABLE

EPDM Rubber  
-50°C to 105°C  
600 Volts  
#8 – 250 MCM

GENFLEX™ TYPE SC ENTERTAINMENT CABLE

CPE  
-50°C to 105°C  
600 Volts  
#8 – 250 MCM  
NEC 520, 525, 530  
UL 1680, CSA PPC 22.2 - 96, c(UL)

GENFLEX™ TYPE W PORTABLE POWER CABLE

CPE Jacket, EPDM insulation  
-40°C to 90°C Dry; 90°C Wet  
2000 Volts  
#8 – 4/0  
NEC 400, NFPA 70  
UL 1650, CSA PPC 22.2 - 96  
MSHA Flame Test  
Sunlight Resistant

MISCELLANEOUS

LOW ENERGY CIRCUIT CABLE

LLLECC/LOW VOLT  
PVC 60°C  
-25°C  
30 Volts  
Sunlight Resistant  
10-14 AWG

TRANSFORMER LEAD WIRE

PVC 105°  
14 – 4/0 gauge

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

TPE PUMP CABLE JACKETED (ICE BLUE)

TPE 90°C Dry 75°C Wet  
Low Temperature Rating -65°C  
600 Volts  
12/2 12/3 10/2 10/3 all with ground  
8/3 with # 10 ground

FLEXWHIP™ WELDING CABLE

EPDM Rubber  
-50°C to 105°C  
600 Volts  
#2 – 2/0

12 GAUGE/14 CONDUCTOR ENTERTAINMENT LIGHTING CABLE

PVC Jacket, PVC Inner  
-40°C to 105°C  
600 Volts

16/7 SEOOW STOOW ENTERTAINMENT LIGHTING CABLE

TPE Compound  
-50°C to 105°C  
600 Volts

APPLIANCE WIRE (AWM)

PVC AWM UL

60°C or 105°C  
300, 600 or 1000 Volts  
Moisture & Oil Resistant as applicable  
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							
1007	1041	1058	1235	1306	1338	1391	1731
1011	1043	1059	1237	1307	1339	1392	10012
1013	1045	1060	1239	1308	1340	1400	10070
1015	1049	1120	1275	1312	1342	1401	10269
1017	1050	1220	1276	1314	1343	1416	
1024	1051	1228	1277	1322	1344	1447	
1026	1053	1229	1278	1323	1345	1509	
1027	1054	1230	1279	1329	1383	1569	
1028	1055	1231	1280	1335	1384	1722	
1030	1056	1232	1283	1336	1389	1729	
1032	1057	1233	1284	1337	1390	1730	

MULTIPLE-CONDUCTOR, THERMOPLASTIC INSULATION							
2001	2037	2082	2164	2214	2254	2312	2493
2002	2038	2083	2174	2215	2255	2313	2501
2003	2039	2085	2175	2216	2257	2327	2502
2004	2040	2086	2176	2217	2261	2328	2516
2005	2041	2130	2182	2218	2271	2329	2517
2006	2042	2131	2183	2219	2272	2330	2532
2007	2043	2132	2184	2220	2273	2334	2535
2008	2044	2135	2185	2221	2274	2343	2549
2009	2045	2136	2186	2222	2275	2344	2570
2010	2046	2137	2187	2223	2276	2345	2571
2011	2047	2138	2188	2224	2277	2346	2574
2012	2048	2139	2189	2225	2278	2358	2576
2013	2049	2140	2190	2226	2279	2359	2584
2014	2050	2141	2191	2227	2280	2362	2586
2015	2051	2142	2192	2228	2281	2367	2587
2016	2052	2143	2193	2229	2282	2368	2589
2017	2053	2144	2194	2230	2283	2369	2598
2018	2054	2145	2195	2231	2284	2370	2614
2019	2055	2146	2196	2232	2285	2377	2626
2020	2056	2147	2197	2233	2286	2378	2630
2021	2057	2148	2198	2234	2287	2379	2631
2022	2058	2149	2199	2235	2288	2380	2637
2023	2059	2150	2200	2236	2293	2381	2653
2024	2060	2151	2201	2237	2294	2382	2654
2025	2061	2152	2202	2238	2295	2383	2655
2026	2062	2153	2203	2239	2296	2384	2656
2027	2063	2154	2204	2240	2297	2385	2660
2028	2064	2155	2205	2242	2298	2386	2661
2029	2065	2156	2206	2246	2299	2387	2662
2030	2066	2157	2207	2247	2300	2388	2668
2031	2067	2158	2208	2248	2301	2446	2679
2032	2068	2159	2209	2249	2302	2461	2704
2033	2069	2160	2210	2250	2303	2462	2709
2034	2070	2161	2211	2251	2304	2463	2881
2035	2080	2162	2212	2252	2305	2464	20882
2036	2081	2163	2213	2253	2308	2490	21124

SINGLE-CONDUCTOR, THERMOSET INSULATION							
3167	3182	3279	3284	3290	3295	3296	3297
3298	3300	3311	3320	3478	3484	3526	3993

PRODUCTS AT A GLANCE

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

AUTOMOTIVE

AUTO DUPLEX

Inner Conductors  
PVC 80°C - 105°C  
Jacket  
PVC 80°C – 105°C  
10/2 – 1/0-2 gauge

AUTO TRIPLEX

Inner Conductors  
PVC 80°C – 105°C  
Jacket  
PVC 80°C - 105°C  
18/3 – 10/3 gauge

AUTO QUADRUPLUX

Inner Conductors  
PVC 80°C – 105°C  
Jacket  
PVC 80°C - 105°C  
16/4, 14/4, 12/4 gauge

BOOSTER DUPLEX CABLE

PVC or TPE up to 105°C  
10/2 – 1/0-2 gauge

CONSTRUCTION WIRE

CATHODIC PROTECTION CABLE

High Molecular Weight  
Linear Low Density Polyethylene  
75°C  
600 Volts  
Available as UL Listed or non UL  
12 gauge – 4/0

UF-B WITH GROUND

PVC/Nylon Conductors with  
PVC Jacket  
Sunlight Resistant  
90°C  
600 Volts  
14 – 6 AWG

UNDERGROUND FEEDER WIRE (UF)

PVC  
Sunlight Resistant  
60°C Dry 60°C Wet  
600 Volts  
14 – 6 AWG

KALAS MAILING ADDRESS

167 Greenfield Road  
Lancaster, PA 17601

Kalas Product Line Card 12.22

TULSA WAREHOUSE

1810 East Jasper St.  
Tulsa, Oklahoma 74110

KALASWIRE.COM

P 717-336-5575

FLEXIBLE CORD

600V SERVICE CORD

ST, STO, STOO, STW, STOW, STOOW  
PVC Jacket, PVC Inner  
60°C or 105°C -40°C  
18 – 4 AWG; 2-4 conductors.  
Also available with greater than  
4 conductors

300V SERVICE CORD

SJT, SJTO, SJTOO, SJTW, SJTOW, SJTOOW  
PVC Jacket, PVC Inner  
60°C or 105°C -40°C  
18 – 10 AWG; 2-4 conductors.  
Also available with greater than  
4 conductors

300V SERVICE CORD

SJE, SJE0, SJE00, SJEW, SJEOW, SJE0OW  
TPE Jacket, PVC Inner  
105°C -40°C or -50°C  
18 – 10 AWG; 2-4 conductors  
Also available with greater than  
4 conductors

MARINE / RECREATION

BOAT CABLE

SINGLE CONDUCTOR  
PVC  
105°C Dry 75° Wet (BC5W2)  
600 Volts  
16 AWG – 4/0

BOAT CABLE MULTI-CONDUCTOR FLAT

PVC  
105°C Dry 75° Wet (BC5W2)  
600 Volts  
18 – 4 AWG; 2-3 conductors

BOAT CABLE MULTI-CONDUCTOR ROUND

PVC  
105°C Dry 75° Wet (BC5W2)  
600 Volts  
18 – 4 AWG  
Contact Sales for # of conductor's

MARINE BATTERY CABLE SGT

SAE J1127  
PVC 105°C -40°C  
60 Volts DC  
6 gauge – 4/0

MARINE PRIMARY WIRE GPT

SAE J1128  
PVC 105°C -40°C  
60 Volts DC  
18 – 8 gauge

600V SERVICE CORD

SE, SE0, SE00, SEOW, SE0OW  
TPE Jacket, TPE Inner  
105°C -40°C or -50°C  
18 – 4 AWG; 2-4 conductors  
Also available with greater than  
4 conductors

RV AND MOBILE HOME

STW, STOW and STOOW:  
Please see Marine and Recreation

VACUUM CLEANER CORD

SVT  
PVC  
60°C or 105°C  
300 Volts  
18/3 – 16/3 AWG  
18/2 – 16/2 AWG





# 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

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Available Everywhere You Need Us  
**WWW.KALASWIRE.COM**

<b>KALAS MAILING ADDRESS</b>	<b>KALASWIRE.COM</b>	<b>TULSA WAREHOUSE</b>	<b>MADE IN USA</b>
167 Greenfield Road Lancaster, PA 17601	P 717-336-5575	1810 East Jasper St. Tulsa, Oklahoma 74110	