



Fully Integrated Manufacturer COPPER WIRE & CABLE

Manufacturing Expertise for Over 60 Years

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Have a question? Want to place an order?

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717-336-5575
INFO@KALASWIRE.COM
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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

MTW	COIL LEAD	TEW	TR32	TR64
PVC 90°C	WIRE CL1251	PVC 105°C	PVC 90°C	PVC 90°C
600 Volts	XLPE 125°C	600 Volts	1400 Volts	600 Volts
#18 – 500 MCM	600 Volts	#18 – 500	#18 – #10	#18 – #14
	18 AWG - 4/0	MCM		

INDUSTRIAL POWER

TOUGHFLEX™ EPDM WELDING CABLE

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

GENFLEX™ TYPE SC ENTERTAINMENT CABLE

-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 - 4/0NEC 400, NFPA 70 UL 1650, CSA PPC 22.2 - 96 MSHA Flame Test Sunlight Resistant

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 Inners -40°C to 105°C 600 Volts

SUBMERSIBLE PUMP CABLE

PVC FLAT PARALLEL PUMP WITH GROUND

75°C Dry 75°C 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°C 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

PVC TWISTED PUMP WITH GROUND

75°C Dry 105°C 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 12/2 12/3 10/2 10/3 all with ground 8/3 with # 10 ground

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

MISCELLANEOUS

LOW ENERGY CIRCUT CABLE ULECC/C(UL) ULEC

PVC 60°C -25°C 30 Volts Sunlight Resistant 10-14 AWG

TRANSFORMER LEAD WIRE

PVC 105°C 14 - 4/0 gauge

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	1011 1013 1015 1017 1024 1026 10											
1028	1032	1043	1056	1060	1228	1230	1231					
1232	1235	1275	1278	1283	1284	1329	1335					
1336	1337	1338	1339	1344	1383	1384	1569					
10070	10269											

	MULTIPLE-CONDUCTOR, THERMOPLASTIC INSULATION											
2085	2151	2184	2185	2186	2225	2240	2246					
2247	2248	2249	2250	2251	2276	2277	2276					
2277	2278	2279	2280	2281	2282	2283	2284					
2285	2286	2287	2288	2305	2313	2377	2378					
2379	2380	2381	2382	2383	2464	2576	2586					
2614	2631	2654	2661	2662	2881							

	SI	NGLE-CON	DUCTOR, T	HERMOSET	INSULATIO	ON	
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 18/2 - 10/2 gauge

AUTO TRIPLEX

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

AUTO QUADRUPLEX

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

BOOSTER DUPLEX CABLE

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

BATTERY CABLE 60 VOLTS DC

UL SGR 105°C (UL4127) Meets SAE J1127 6 gauge – 4/0

PRIMARY WIRE 60 VOLTS DC

GPT TWP Meets SAE J1128 18 – 8 gauge

MULTIPLE CONDUCTOR TRAILER CABLE Made with SAE Inners

PVC or TPE Jacket 80°C or 105°C Low Temperature -40°C Mixed gauges; Made to customer specifications; No Kalas standard

FLEXIBLE CORD

600V SERVICE CORD

ST, STO, STOO, STW, STOW, STOOW PVC Jacket, PVC Inners 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, SITOOW PVC Jacket, PVC Inners 60°C or 105°C -40°C 18 - 10 AWG; 2-4 conductors. Also available with greater than 4 conductors

300V SERVICE CORD

SJE, SJEO, SJEOO, SJEW, SJEOW, SJEOOW TPE Jacket, PVC Inners 105°C -40°C or -50°C 18 - 10 AWG: 2-4 conductors Also available with greater than 4 conductors

600V SERVICE CORD

SE, SEO, SEOO, SEOW, SEOOW TPE Jacket, TPE Inners 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

MARINE / RECREATION

BOAT CABLE SINGLE CONDUCTOR

105°C Dry 75°C Wet (BC5W2) 600 Volts 16 AWG - 4/0

BOAT CABLE MULTI-CONDUCTOR FLAT

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

BOAT CABLE MULTI-CONDUCTOR ROUND

105°C Dry 75°C Wet (BC5W2) 600 Volts 18 – 6 AWG Contact Sales for # of conductor's

MARINE BATTERY CABLE SGT

SAE J328 PVC 105°C -40°C 60 Volts DC 6 gauge – 4/0

MARINE PRIMARY WIRE GPT

SAE 1328 PVC 105°C -40°C 60 Volts DC 18 - 8 gauge

CONSTRUCTION WIRE

UF-B WITH GROUND

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

KALAS MAILING ADDRESS

TULSA WAREHOUSE

TOUGHFLEX™ **WELDING CABLE**





FEATURES

- Special stranding and packaging are available upon request
- Oil Resistant
- 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 UL2556
- SAE J1127 Stranding

CONSTRUCTION

Highly flexible stranded No. 30 bare copper conductor insulated with a high grade 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.

APPLICATIONS

- cable leads
- Temporary power uses

- Secondary voltage resistance welding

- National Electrical Code article 630 electric welders
- Power supply applications not exceeding 600 volts AC
- Copper meets SAE standards.

TOUGHFLEX™ **WELDING CABLE**



GAUGE	STANDARD PART NUMBER	STRANDING (NUMBER OF STRANDS)		INSULATION THICKNESS		Nominal O.D.		SHIPPING WEIGHT ~LBS/ 1000 FT.
			in	mm	in	mm		
8	640070	7/24/.010 (168)	0.070	1.78	0.300	7.62	1000	87
6	640069	7/37/.010 (259)	0.060	1.52	0.320	8.13	1000	113
4	640068	7/52/.010 (364)	0.060	1.52	0.348	8.84	1000	147
2	640067	12/52/.010 (624)	0.060	1.52	0.420	10.67	500	236
1	640066	12/65/.010 (780)	0.080	2.03	0.503	12.78	500	313
1/0	640065	19/52/.010 (988)	0.080	2.03	0.533	13.54	500	378
2/0	640064	19/65/.010 (1235)	0.080	2.03	0.586	14.88	500	463
3/0	640063	19/81/.010 (1539)	0.080	2.03	0.625	15.88	500	563
4/0	640062	19/106/.010 (2014)	0.080	2.03	0.720	18.29	500	734
250 MCM	640072	19/133/.010 (2527)	0.100	2.54	0.815	20.70	500	962

Lancaster, PA 17601

BW/WLD_EPDM/11.24

FLEXWHIPTM **WELDING CABLE**





FEATURES

- Special stranding and packaging are available upon request
- Oil resistant
- Custom print available upon request.
- Halogen Free, all colors except green
- Cable meets the UL VW-1 flame test outlined in UL2556
- SAE J1127 Stranding

CONSTRUCTION

Highly flexible stranded No. 34 bare copper conductor insulated with a high grade 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.

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.

WELDING CABLE

FLEXWHIPTM



GAUGE	STANDARD PART NUMBER	STRANDING (NUMBER OF STRANDS)	INSULATION THICKNESS		Nominal O.D.		STANDARD PACKAGE	SHIPPING WEIGHT -LBS/ 1000 FT.
			in	mm	in	mm		
2	640077	19/78/34 (1482)	0.065	1.65	0.424	10.77	250'	235
1	640076	19/97/34 (1843)	0.080	2.03	0.488	12.40	250'	300
1/0	640075	19/123/34 (2337)	0.080	2.03	0.532	13.51	250'	370
2/0	640074	37/78/34 (2886)	0.080	2.03	0.593	15.06	250'	455

MADE IN THE USA BW/FLEX/3.25

SGT BATTERY CABLE





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).
- Special stranding and packaging are available upon request.

Specifications contained herein reflect current data and are

subject to change. Values are nominal and/or approximate

APPLICATIONS

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

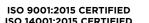
CONSTRUCTION

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

GAUGE	Standard Part #	STRANDING		INSULATION THICKNESS		ninal .D.	STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/ 1000 FT.
			in	mm	in	mm		
6	250130	7/19/.0137 (133)	0.060	1.52	0.310	7.87	500 **	107
4	250131	7/19/.0170 (133)	0.065	1.65	0.375	9.53	500 **	153
2	250132	7/19/.0218 (133)	0.065	1.65	0.438	11.13	500 **	248
1	250133	7/19/.0243 (133)	0.065	1.65	0.480	12.19	500 **	308
1/0	250134	19/7/.0275 (133)	0.065	1.65	0.525	13.34	500 **	383
2/0	250135	19/7/.0309 (133)	0.065	1.65	0.575	14.61	500**	470
3/0*	300106	19/84/.010 (1596)	0.078	1.98	0.641	16.28	N/A	578
4/0*	300105	19/109/.010 (2071)	0.078	1.98	0.711	18.06	N/A	745

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

MADE IN THE USA BTRY/SGT/11.24





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
- Flame Gas
- · Transmission Fluid
- Alkalis
- Abrasion
- · Power Steering Fluid

CUSTOM OPTIONS:

Ethanol

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

SELECTION CRITERIA	105°C	140°C
UL Approved	Х	
SAE J1127	Х	Х
-40°C to 105°C Operating Temperature	Х	
-60°C to 140°C Operating Temperature		Х
Paper Separator to Enhance Stripability		Х
60 Volt Cable	X	Х
Superior Flexibility		Х
Stocking Program	X	

- 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





KALAS MAILING ADDRESS 167 Greenfield Road

Lancaster, PA 17601

TULSA WAREHOUSE 1810 East Jasper St. Tulsa, Oklahoma 74110 KALASWIRE.COM P 717-336-5575

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

UL 105C SGR BATTERY STARTER & 600V EPDM WELDING CABLE





FEATURES

- Special stranding and packaging available upon
- 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.

Specifications contained herein reflect current data and are

subject to change. Values are nominal and/or approximate.

- 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 105°C EPDM insulation. A paper separator is utilized to enhance stripability.

MADE IN THE USA BTRY/SGR_UL/6.23

ISO 9001:2015 CERTIFIED

ISO 14001:2015 CERTIFIED

UL 105C SGR BATTERY STARTER & 600V EPDM WELDING CABLE



GAUGE	STANDARD PART NUMBER	STRANDING (NUMBER OF STRANDS)	INSULATION THICKNESS		NOM O.		STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/ 1000	
			in	mm	in	mm		FT.	
6	300158.XX.XXX	7/37/010 (259)	0.060	1.52	0.310	7.87	1000	117	
4	300159.XX.XXX	7/54/010 (378)	0.065	1.65	0.360	9.14	1000	155	
2	300160.XX.XXX	12/54/010 (648)	0.072	1.83	0.473	11.53	1500	267	
1	300161.XX.XXX	12/67/010 (804)	0.072	1.83	0.499	12.67	1000	320	
1/0	300162.XX.XXX	19/54/010 (1026)	0.072	1.83	0.554	14.07	1000	394	
2/0	300163.XX.XXX	19/67/010 (1273)	0.072	1.83	0.592	15.04	500	483	
3/0	300164.XX.XXX	19/84/010 (1596)	0.087	2.21	0.676	17.17	500	612	
4/0	300165.XX.XXX	19/109/010 (2071)	0.087	2.21	0.747	18.97	500	788	

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SGR BATTERY CABLE 140°C





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 is -60C to 140C.
- 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 140°C EPDM insulation. A paper separator is utilized to enhance stripability.

SGR BATTERY CABLE 140°C



GAUGE	STRANDING		ATION KNESS		IINAL .D.	STANDARD PACKAGE 24X18X10	SHIPPING WEIGHT ~LBS/ 1000 FT.
		in	mm	in	mm		
6	7/19/0137	0.060	1.52	0.310	7.87	1000	107
4	7/54/010	0.065	1.65	0.360	9.14	1000	155
2	12/54/010	0.065	1.65	0.430	10.92	500	267
1	12/67/010	0.065	1.65	0.470	11.94	500	320
1/0	19/54/010	0.065	1.65	0.520	13.21	500	394
2/0	19/67/010	0.065	1.65	0.560	14.22	500	483
3/0	19/84/010	0.078	1.98	0.641	16.28	500	612
4/0	19/109/010	0.078	1.98	0.747	18.97	500	750

SGR BATTERY CABLE SAE J1127





FEATURES

- Custom print, special stranding and packagingare available upon request.
- 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).
- Meets SAE J1127 for SGR.

Specifications contained herein reflect current data and are

subject to change. Values are nominal and/or approximate.

- For UL approved SGR, see data page.

APPLICATIONS

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

CONSTRUCTION

SAE SGR Battery Cable 60V DC is constructed with flexible stranded copper conductor. Insulation is a high grade RoHS compliant -40°C to 105°C EPDM. Kalas SGR Battery Cable is constructed to meet the requirements of SAE J1127.

MADE IN THE USA

ISO 14001:2015 CERTIFIED BTRY/SGRJ/11.24

ISO 9001:2015 CERTIFIED

SGR BATTERY CABLE SAE J1127



GAUGE	STANDARD PART NUMBER	STRANDING		INSULATION THICKNESS		IINAL .D.	STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/ 1000 FT.
			in	mm	in	mm		
6	310198.xxx	7/19/.0137 (133)	0.060	1.52	0.310	7.87	1000	107
4	310204.xxx	7/19/.0170 (133)	0.065	1.65	0.375	9.53	1000	153
2	300245.00x	7/19/.0218 (133)	0.065	1.65	0.438	11.13	1000	248
1	310219	7/19/.0243 (133)	0.065	1.65	0.480	12.19	1000	308
1/0	300045.xxx	19/7/.0275 (133)	0.065	1.65	0.525	13.34	500	383
2/0	310706.xxx	19/7/.0309 (133)	0.065	1.65	0.575	14.61	500	470
3/0	310199.xxx	19/84/.010 (1596)	0.078	1.98	0.641	16.28	500	631
4/0	310603	19/109/.010 (2071)	0.078	1.98	0.711	18.06	500	766
250 MCM *	None	19/133/.010 (2527)	0.090	2.29	0.795	20.19	500	944

^{*} Manufactured to SAE interpolated data

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

Please contact your Kalas representative

SGX BATTERY CABLE





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.

Specifications contained herein reflect current data and are

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 125°C XLPE. Kalas SGX Battery Cable is constructed to meet the requirements of SAE J1127. Operating temperatures -40°C to 125°C.

subject to change. Values are nominal and/or approximate. ISO 14001:2015 CERTIFIED

MADE IN THE USA BTRY/SGX/6.23

ISO 9001:2015 CERTIFIED

SGX BATTERY CABLE



GAUGE	STANDARD PART NUMBER	STRANDING (NUMBER OF STRANDS)	INSU TIC THICK	N		ninal D.	STANDARD PRINT	STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/
			in	mm	in	mm			1000 FT.
6	310226.xxx	37/.0260	0.060	1.52	0.305	7.75	None	1000	104
6	300340.xxx	7x19/.0137 (133)	0.060	1.52	0.310	7.87	6 GA SGX SAE J1127 125°C	1000	107
4	310126.xxx	7x19/.0170 (133)	0.065	1.65	0.375	9.53	4 GA SGX SAE J1127 125°C	1000	153
4	310296.xxx	61/.0250	0.065	1.65	0.350	8.89	None	1000	160
2	300314.xxx	7x19/.0218 (133)	0.065	1.65	0.438	11.13	2 GA SGX SAE J1127 125°C	1000	248
1	300315.xxx	7x19/.0243 (133)	0.065	1.65	0.480	12.19	1 GA SGX SAE J1127 125°C	1000	308
1/0	300091.xxx	19x54/.010 (1026)	0.065	1.65	0.520	13.21	1/0 SGX FLEX 125°C SAE J1127	500 & 1000	377
2/0	300092.xxx	19x66/.010 (1254)	0.065	1.65	0.560	14.22	2/0 SGX FLEX 125°C SAE J1127	500 & 1000	458
3/0	300093.xxx	19 x 85/.010 (1615)	0.078	1.98	0.641	16.28	3/0 SGX FLEX 125°C SAE J1127	500	622
4/0	300094.xxx	19x108/.010 (2052)	0.078	1.98	0.706	17.93	4/0 SGX FLEX 125°C SAE J1127	500	757

KALAS MAILING ADDRESS 167 Greenfield Road Lancaster, PA 17601

1810 East Jasper St.

KALASWIRE.COM P 717-336-5575

TULSA WAREHOUSE Tulsa, Oklahoma 74110



PUMP CABLE

DESIGNED FOR POWERING SUBMERSIBLE WATER PUMPS

- High grade PVC or TPE constructions
- 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 90°C; 600 Volts
- · Resistant to water and sunlight





15U S

ISO 9001:2015 CERTIFIED ISO 14001:2015 CERTIFIED

MADE IN THE USA

KALAS

1/0 AMG 3 COND M/#6 GND

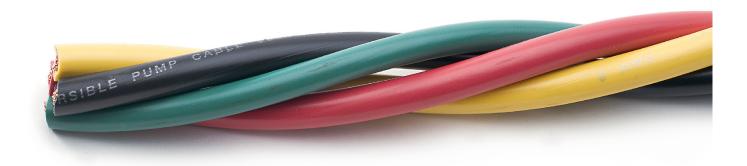


167 Greenfield Road Lancaster, PA 17601 **TULSA WAREHOUSE** 1810 East Jasper St. Tulsa, Oklahoma 74110

P 717-336-5575

TWISTED PVC SUBMERSIBLE **PUMP CABLE**





FEATURES

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

CONSTRUCTION

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

APPLICATIONS

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

TWISTED PVC SUBMERSIBLE **PUMP CABLE**



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

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FLAT PARALLEL SUBMERSIBLE PUMP CABLE





FEATURES

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

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.

APPLICATIONS

 For wiring within the casing of deep well submersible water pumps

FLAT PARALLEL SUBMERSIBLE PUMP CABLE



GAUGE	STRANDING		ATION (NESS		MINAL D.D.	STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/	PART NUMBER
		in	mm	min. x maj. in	min. x maj. mm		1000 FT.	
14/2 with GND	7/.0242″	0.045	1.143	0.166 x 0.588	4.213 x 14.935	500 or 1000	77	440111.XX.005
14/3 with GND	7/.0242″	0.045	1.143	0.166 x 0.769	4.213 x 19.533	500 or 1000	92	440112.XX.005
12/2 with GND	7/.0305″	0.045	1.143	0.190 x 0.610	4.826 x 15.494	500 or 1000	104	440113.XX.005
12/3 with GND	7/.0305″	0.045	1.143	0.190 x 0.815	4.826 x 20.701	500 or 1000	139	440114.XX.005
10/2 with GND	7/.0385″	0.045	1.143	0.215 x 0.685	5.461 x 17.399	500 or 1000	151	440115.XX.005
10/3 with GND	7/.0385″	0.045	1.143	0.215 x 0.920	5.461 x 23.368	500 or 1000	198	440116.XX.005
8/2 with #10 GND	19/.0295″ – 7/.0385″	0.060	1.524	0.279 x 0.873	7.087 x 22.174	500 or 1000	197	440117.XX.005
8/3 with #10 GND	19/.0295″ – 7/.0385″	0.060	1.524	0.279 x 1.237	7.087 x 31.420	500 or 1000	289	440118.XX.005
6/3 with #8 GND	19/.0372″ – 19/.0295″	0.060	1.524	0.320 x 1.357	8.128 x 34.468	500 or 1000	428	440119.XX.005
4/3 with #8 GND	19/.0469″ – 19/.0295″	0.060	1.524	0.370 x 1.550	9.398 x 39.37	500 or 1000	637	440120.XX.005

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

Specifications contained herein reflect current data and are

subject to change. Values are nominal and/or approximate.

– 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.



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ISO 14001:2015 CERTIFIED

1/0 & 2/0 HEAVY-DUTY SUBMERSIBLE PUMP CABLE



GAUGE	STRANDING		NSULATION JACKET THICKNESS THICKNESS			MINAL D.D.	STANDARD PACKAGE	WEIGHT ~LBS/	PART NUMBER	
		in	mm	in	mm	min. x maj. in	min. x maj. mm		1000 FT.	
1/0 - 3 with #6 GND	19/.0745"(1/0) – 19/.0372"(6ga)	0.080	2.032	0.060	1.524	0.661 x 2.049	16.790 x 52.045	500 or 1000	1637	440818.XX.001
2/0 - 3 with #6 GND	19/.0837"(2/0) – 19/.0372"(6ga)	0.080	2.032	0.060	1.524	0.715 x 2.175	18.161 x 55.245	500 or 1000	1938	440819.XX.001

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

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TULSA WAREHOUSE 1810 East Jasper St. Tulsa, Oklahoma 74110

KALASWIRE.COM P 717-336-5575

Lancaster, PA 17601

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

CONSTRUCTION

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

APPLICATIONS

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

HD JACKETED SUBMERSIBLE PUMP CABLE



GAUGE	STRANDING		ATION (NESS	JAC THICK	KET (NESS	NOMI	NAL O.D.	STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/	PART NUMBER
		in	mm	in	mm	min. x maj. in	min. x maj. mm		1000 FT.	
14/2 with GND	19/.0147″	0.045	1.143	0.045	1.143	0.262 x 0.594	6.655 x 15.088	500 or 1000	110	440411.XX.001
14/3 with GND	19/.0147″	0.045	1.143	0.045	1.143	0.262 x 0.762	6.655 x 19.355	500 or 1000	136	440211.XX.001
12/2 with GND	19/.0185″	0.045	1.143	0.045	1.143	0.271 x 0.680	6.883 x 17.272	500 or 1000	143	440412.XX.001
12/3 with GND	19/.0185″	0.045	1.143	0.045	1.143	0.275 x 0.840	6.985 x 21.336	500 or 1000	187	440212.XX.001
10/2 with GND	19/.0234″	0.045	1.143	0.045	1.143	0.314 x 0.754	7.976 x 19.152	500 or 1000	200	440413.XX.001
10/3 with GND	19/.0234″	0.045	1.143	0.045	1.143	0.314 x 0.988	7.976 x 25.095	500 or 1000	267	440213.XX.001
8/3 with #10 GND	19/.0295" (#8 ga) – 19/.0234" (#10 ga)	0.060	1.524	0.050	1.27	0.375 x 1.135	9.525 x 28.829	500 or 1000	394	440214.XX.001
6/3 with #8 GND	19/.0372" (#6 ga) -19/.0295" (#8 ga)	0.060	1.524	0.050	1.27	0.410 x 1.320	10.414 x 33.528	500 or 1000	560	440215.XX.001
4/3 with #8 GND	19/.0469" (#4 ga) – 19/.0295" (#8 ga)	0.060	1.524	0.050	1.27	0.468 x 1.465	11.887 x 37.211	500 or 1000	744	440216.XX.001
2/3 with #6 GND	19/.0591" (#2 ga) – 19/.0372" (#6 ga)	0.060	1.651	0.065	1.27	0.564 x 1.731	14.326 x 43.967	500 or 1000	1072	440217.XX.001

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

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. This product is UL Listed.

APPLICATIONS

Specifications contained herein reflect current data and are

subject to change. Values are nominal and/or approximate.

 For wiring within the casing of deep well submersible water pumps

ICE BLUE JACKETED SUBMERSIBLE PUMP CABLE



GAUGE	STRANDING	INSULATIO THICKNES			KET		IINAL .D.	STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/	SHIPPING WEIGHT ~LBS/ 1000 FT.
		in	mm	in	mm	min. x maj. in	min. x maj. mm		1000 FT.	
12/2 with GND	65/.010″	0.030	7.62	0.030	7.62	0.225 x 0.528	5.715 x 13.411	500 or 1000	93	450005.XX.017
12/3 with GND	65/.010″	0.030	7.62	0.030	7.62	0.224 x 0.692	5.689 x 17.577	500 or 1000	121	450006.XX.017
10/2 with GND	105/.010″	0.030	7.62	0.030	7.62	0.265 x 0.610	6.731 x 15.494	500 or 1000	137	450008.XX.017
10/3 with GND	105/.010″	0.030	7.62	0.030	7.62	0.250 x 0.796	6.35 x 20.218	500 or 1000	188	450009.XX.017
8/3 with #10 GND	19/.0295″ – 19/.0234″	0.045 (#8 ga) 0.030 (#10 ga)	1.143 7.62	0.040	1.016	0.330 x 0.987	8.382 x 25.069	500 or 1000	287	450014.XX.017

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Tulsa, Oklahoma 74110

KALASWIRE.COMP 717-336-5575

MADE IN THE USA

MULTI CONDUCTOR UNDERGROUND FEEDER CABLE





FEATURES

- Operating temperature range -25° C to 90° C
- Direct burial
- Sunlight resistant
- Water and sunlight resistant
- Special packaging is available upon request

APPLICATIONS

Specifications contained herein reflect current data and are

subject to change. Values are nominal and/or approximate.

- 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 90° C 600 Volts. Meets the requirements of UL 493 and UL-83.

MULTI CONDUCTOR UNDERGROUND FEEDER CABLE



GAUGE	STRANDING		INSUL. THICK				STANDARD PACKAGE	SHIPPING WEIGHT	PART NUMBER	
		pvc in	pvc mm	nylon in	nylon mm	min. x maj. in	min. x maj. mm		~LBS/ 1000 FT.	
14/2 with GND	Solid	0.015	0.381	0.004	0.10	0.185 x 0.385	4.699 x 9.779	250/1000	53	460011.XX.010
14/3 with GND	Solid	0.015	0.381	0.004	0.10	0.185 x 0.575	4.699 x 14.61	250/500/1000	93	460012.XX.010
12/2 with GND	Solid	0.015	0.381	0.004	0.10	0.195 x 0.415	4.953 x 10.54	250/500/1000	75	460013.XX.010
12/3 with GND	Solid	0.015	0.381	0.004	0.10	0.195 x 0.620	4.953 x 15.75	250/500/1000	134	460014.XX.010
10/2 with GND	Solid	0.020	0.508	0.004	0.10	0.230 x 0.460	5.842 x 11.68	250/500/1000	140	460015.XX.010
10/3 with GND	Solid	0.020	0.508	0.004	0.10	0.230 x 0.690	5.842 x 17.53	250/500/1000	194	460016.XX.010
8/2 with #10 GND	7 Strand	0.030	7.62	0.005	0.127	0.320 x 0.620	8.128 x 15.75	500/1000	213	460017.XX.010
8/3 with #10 GND	7 Strand	0.030	7.62	0.005	0.127	0.320 x 0.990	8.128 x 25.15	500/1000	330	460018.XX.010
6/2 with #10 GND	7 Strand	0.030	7.62	0.005	0.127	0.385 x 0.800	9.779 x 20.32	500/1000	305	460019.XX.010
6/3 with #10 GND	7 Strand	0.030	7.62	0.005	0.127	0.385 x 1.200	9.779 x 30.48	500/1000	449	460020.XX.010





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 marked "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



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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

 The cables are intended for use in marine pleasure crafts.

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.

FLAT BOAT CABLE



GAUGE	STRANDING	INSULATIO THICKNESS	* *	JACKET THICKNESS	s	NOMINAL O.D.		STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/ 1000 FT.
		in	mm	in	mm	in	mm		1000 F1.
18/2	16/010	0.030	0.76	0.030	0.76	.180 x .280	N/A	500 / 1000	34
18/3	16/010	0.030	0.76	0.030	0.76	.180 x .402	N/A	500 / 1000	45
16/2	26/010	0.030	0.76	0.030	0.76	.192 x .311	N/A	500 / 1000	41
16/3	26/010	0.030	0.76	0.030	0.76	.187 x .433	N/A	500 / 1000	60
14/2	41/010	0.030	0.76	0.030	0.76	.215 x .350	N/A	500 / 1000	55
14/3	41/010	0.030	0.76	0.030	0.76	.220 x .487	N/A	500 / 1000	82
12/2	65/010	0.030	0.76	0.030	0.76	.230 x .381	N/A	500 / 1000	75
12/3	65/010	0.030	0.76	0.030	0.76	.230 x .528	N/A	500 / 1000	110
10/2	104/010	0.030	0.76	0.030	0.76	.250 x .430	N/A	500 / 1000	108
10/3	104/010	0.030	0.76	0.030	0.76	.270 x .620	N/A	500 / 1000	158
8/2	7/19/0112	0.045	1.14	0.045	1.14	.362 x .607	N/A	500	182
8/3	7/19/0112	0.045	1.14	0.045	1.14	.365 x .885	N/A	500	265
6/2	7/38/010	0.060	1.52	0.045	1.14	.425 x .740	N/A	500	275
6/3	7/38/010	0.060	1.52	0.045	1.14	.425 x 1.070	N/A	500	407
4/2	7/60/010	0.060	1.52	0.045	1.14	.494 x .901	N/A	500	410

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

– The cables are intended for use in marine pleasure crafts.

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.

ROUND BOAT CABLE



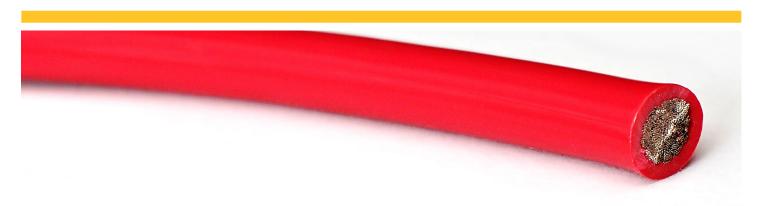
GAUGE	UGE STRANDING		ON SS	JACKET THICKNE	SS	NOMINA O.D.	L	STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/
		in	mm	in	mm	in	mm		1000 FT.
18/2	16/.010	0.030	0.76	0.030	0.76	0.302	7.67	5500	36
18/3	16/.010	0.030	0.76	0.030	0.76	0.309	7.85	5000	47
18/4	16/.010	0.030	0.76	0.030	0.76	0.338	8.59	4000	59
16/2	26/.010	0.030	0.76	0.030	0.76	0.315	8.00	5000	45
16/3	26/.010	0.030	0.76	0.030	0.76	0.335	8.51	4500	59
16/4	26/.010	0.030	0.76	0.030	0.76	0.367	9.32	3500	75
14/2	41/.010	0.030	0.76	0.030	0.76	0.351	8.92	4000	60
14/3	41/.010	0.030	0.76	0.030	0.76	0.374	9.50	3500	80
14/4	41/.010	0.030	0.76	0.030	0.76	0.411	10.44	3000	103
14/5	41/.010	0.030	0.76	0.045	1.14	0.485	12.32	2500	138
12/2	65/.010	0.030	0.76	0.030	0.76	0.382	9.70	2500	77
12/3	65/.010	0.030	0.76	0.030	0.76	0.407	10.34	2500	106
12/4	65/.010	0.030	0.76	0.040	1.02	0.468	11.89	2000	145
12/5	65/.010	0.030	0.76	0.040	1.02	0.515	13.08	1500	175
10/2	104/.010	0.030	0.76	0.030	0.76	0.435	11.05	1500	109
10/3	104/.010	0.030	0.76	0.030	0.76	0.465	11.81	1500	153
10/4	104/.010	0.030	0.76	0.040	1.02	0.540	13.72	1000	208
10/5	104/.010	0.030	0.76	0.040	1.02	0.584	14.83	1000	255
8/3	133/.010	0.045	1.14	0.060	1.52	0.695	17.65	1000	298
8/4	133/.010	0.045	1.14	0.060	1.52	0.768	19.51	1000	380
8/5	133/.010	0.045	1.14	0.060	1.52	0.845	21.46	1000	460
6/3	266/.010	0.060	1.52	0.060	1.52	0.825	20.96	500	430
6/4	266/.010	0.060	1.52	0.060	1.52	0.910	23.11	500	555
4/4	420/.010	0.060	1.52	0.070	1.78	1.090	27.69	500	825

Lancaster, PA 17601

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

– Cables are intended for use in marine pleasure crafts.

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.

BOAT CABLE SINGLE



GAUGE	STRANDING	UL & CSA APPROVALS	INSULAT		NOMINA	L O.D.	STANDARD PACKAGING	SHIPPING WEIGHT LBS/ 1000 FT
			INCHES	ММ	INCHES	MM		
16	26/.010	MTW AWM 1015/1230/1335/1032 /1569TEW TR-32	0.030	0.76	0.123	3.12	30,000 drum	14
14	41/.010	BC-5W2 MTW AWM 1015/1230/1335/1032/1569 TEW TR-32	0.030	0.76	0.136	3.45	25,000 drum	20
12	65/.010	BC-5W2 MTW THW AWM 1015/1230/1335/1032/1569 TEW TR-32	0.030	0.76	0.156	3.96	25,000 drum	28
10	104/.010	BC-5W2 MTW THW AWM 1015/1230/1335/1032/1569 TEW TR-32	0.030	0.76	0.181	4.60	10,000 drum	43
8	168/.010	BC-5W2 MTW THW AWM 1015/1230/1335/1032/1569 TEW TR-32	0.045	1.14	0.249	6.32	1000	70
6	266/.010	E 67078(UL) BC - 5W2 600V 105C° "X"AWG Standard UL 1426 Boat Cable	0.060	1.52	0.318	8.08	1000	114
4	420/.010	E 67078(UL) BC - 5W2 600V 105C° "X"AWG Standard UL 1426 Boat Cable	0.060	1.52	0.386	9.80	1000	175
2	665/.010	E 67078(UL) BC - 5W2 600V 105C° "X"AWG Standard UL 1426 Boat Cable	0.060	1.52	0.437	11.10	500	254
1	836/.010	E 67078(UL) BC - 5W2 600V 105C° "X"AWG Standard UL 1426 Boat Cable	0.080	2.03	0.518	13.16	500	336
1/0	1064/.010	E 67078(UL) BC - 5W2 600V 105C° "X"AWG Standard UL 1426 Boat Cable	0.080	2.03	0.563	14.30	500	407
2/0	1330/.010	E 67078(UL) BC - 5W2 600V 105C° "X"AWG Standard UL 1426 Boat Cable	0.080	2.03	0.615	15.62	500	505
3/0	1672/.010	E 67078(UL) BC - 5W2 600V 105C° "X"AWG Standard UL 1426 Boat Cable	0.080	2.03	0.670	17.02	500	619
4/0	2109/.010	E 67078(UL) BC - 5W2 600V 105C° "X"AWG Standard UL 1426 Boat Cable	0.080	2.03	0.735	18.67	500	767

Lancaster, PA 17601

KALAS ENTERTAINMENT CABLE



STAGE & ENTERTAINMENT CABLE

COMPREHENSIVE PORTFOLIO

For Entertainment, Sound & Lighting Applications







Bulk Reels

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.

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 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.

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

GENFLEX™ TYPE W PORTABLE POWER CABLE



GAUGE	STRANDING		ATION KNESS		CKET KNESS		IINAL .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

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 or green.
- 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.
- applications.

- Portable lighting systems used for the above

GENFLEX™ TYPE SC ENTERTAINMENT CABLE



GAUGE	STRANDING		LATION CKNESS	NO	OMINAL 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

BW/SC/11.24

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 업이어를 - **

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

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 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 life time will not wear off
- Special packaging and custom inkjet print available





TPE GROUNDING CABLE

- Highly flexible stranded No. 30 bare copper conductor
- High grade 105°C TPE insulation
- Meets temperature range of ASTM F-855, Type III
- 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

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

KALAS MAILING ADDRESS

167 Greenfield Road Lancaster, PA 17601

TULSA WAREHOUSE 1810 East Jasper St.

Tulsa, Oklahoma 74110

P 717-336-5575

KALASWIRE.COM

MADE IN THE USA



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 105°C clear PVC jacket.



CLEAR GROUNDING CABLE



GAUGE	STRANDING		ATION (NESS	NOMINAL O.D.		STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/ 1000 FT.
		in	mm	in mm			
2	7/95/.010	0.110	2.79	0.530	13.46	500 or 1000	287
1/0	19/56/.010	0.127	3.23	0.650	16.51	500 or 1000	445
2/0	19/70/.010	0.127	3.23	0.700	17.78	500 or 1000	545
3/0	19/88/010	0.142	3.61	0.784	19.91	500 or 1000	684
4/0	19/111/.010	0.142	3.61	0.850	21.59	500 or 1000	839

Lancaster, PA 17601

Specifications contained herein reflect current data and are





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.





GAUGE	STRANDING		ATION (NESS	NOMIN	IAL O.D.	STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/ 1000 FT.
		in	mm	in	mm		
2	7/95/.010	0.090	2.29	0.493	12.52	500 or 1000	271
1/0	19/56/.010	0.090	2.29	0.576	14.63	500 or 1000	394
2/0	19/70/.010	0.100	2.54	0.646	16.41	500 or 1000	516
3/0	19/88/.010	0.100	2.54	0.700	17.78	500 or 1000	648
4/0	19/111/.010	0.100	2.54	0.770	19.56	500 or 1000	784





90°C NON-SHIELDED JUMPER CABLE

UtiliFlex™ 4/0 AWG 15KV Jumper ASTM F2321 --- Made in USA

- HIGH QUALITY CABLE WITH PROVEN PERFORMANCE
- DEPENDABLY MANUFACTURED TO ASSURE USER SAFETY
- SUPERIOR FLEXIBILITY FOR EASE OF USE
- DURABLE JACKET FOR CABLE LONGEVITY & PEACE OF MIND

FEATURES

- ASTM F2321 Flexible and Rigid Insulated
 Temporary By-Pass Jumpers
- EPR CV-cured jacket resists abrasion, heat, moisture, and ozone
- Annealed copper stranding is extra flexible
- Low temperature performance to -60°C per NEMA WC71
- Water resistant
- Standard Color: Orange
- Standard Print (example): UtiliFlex™ 2/0 AWG
 15KV JUMPER ASTM F2321 --- MADE IN USA
- Custom print and custom colors available upon make-to-order request
- 3rd party performance tested

APPLICATIONS

 Suitable as a temporary flexible power cable for temporary By-Pass connections.

CONSTRUCTION

Conductor: Annealed Flexible Bare Copper per ASTM B3 & ASTM B172 or Tinned Copper per ASTM B33 & ASTM B172

Separator: Semi-conductive tape separator between the copper and ERP Insulation

Insulation: Thermoset Ethylene-Propylene Rubber

(EPR) as outlined in ANSI/NEMA WC-71





90°C NON-SHIELDED JUMPER CABLE

15KV

GAUGE	STRANDING	INSUL/ THICK		NOMII	NAL O.D.	STANDARD PACKAGING	APPROX. WGT/1000'	APPROX. SHIP WGT 500' REEL	REEL
		in	mm	in	mm				
2ga 15kV	7/95/010"	0.215	5.461	0.772	19.609	500	426	228	24X16X8 PF
1/0 15kV	19/56/010"	0.215	5.461	0.857	21.768	500	582	315	30X12X12 PF
2/0 15kV	19/70/010"	0.215	5.461	0.907	23.038	500	679	391	30X16X13
4/0 15kV	19/111/010"	0.215	5.461	1.035	26.289	500	981	553	32X16X13

25KV

GAUGE	STRANDING	INSUL/ THICK		NOM	INAL O.D.	STANDARD PACKAGING	APPROX. WGT/1000'	APPROX. SHIP WGT 500' REEL	REEL
		in	mm	in	mm				
1/0 25kV	19/56/010"	0.289	7.341	1.007	25.578	500	711	418	32X16X13
2/0 25kV	19/70/010"	0.289	7.341	1.055	26.797	500	808	466	32X16X13
4/0 25kV	19/111/010"	0.289	7.341	1.177 29.896		500	1,144	634	36X16X13

35KV

GAUGE	STRANDING	INSUL/ THICK		NOMI	NAL O.D.	STANDARD PACKAGING	APPROX. WGT/1000'	APPROX. SHIP WGT 500' REEL	REEL
		in	mm	in	mm				
1/0 35kV	19/56/010"	0.385	9.779	1.198	30.429	500	899	518	36X16X13

AUTOMOTIVE DUPLEX





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 with a 60VDC voltage rating per the standard.

AUTOMOTIVE DUPLEX



GAUGE	STRANDING	INSUL/ THICK		JAC THICK	KET (NESS	MIN	IOR	MA	IOR	STANDARD PACKAGING	SHIPPING WEIGHT LBS/1000 FT
		IN	ММ	IN	ММ	IN	ММ	IN	ММ		
18/2	16/010	0.023	0.58	0.028	0.71	0.150	3.81	0.244	6.20	3500	26
16/2	19/0112	0.023	0.58	0.028	0.71	0.160	4.06	0.262	6.65	5000	33
14/2	19/0140	0.023	0.58	0.030	0.76	0.182	4.62	0.280	7.11	8000	46
12/2	19/0177	0.026	0.66	0.030	0.76	0.208	5.28	0.350	8.89	6000	64
10/2	19/0223	0.031	0.79	0.030	0.76	0.235	5.97	0.410	10.41	4000	96

AUTOMOTIVE TRIPLEX





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 or 105°C PVC jacket to form a flat multiconductor cable. Operating temperatures -40°C min to 80°C or 105°C max. Inner conductors meet SAE J1128 with a 60VDC voltage rating per the standard.

AUTOMOTIVE TRIPLEX



GAUGE	STRANDING	INSULATION THICKNESS			CKET KNESS	МІМ	MINOR		JOR	STANDARD PACKAGING	SHIPPING WEIGHT LBS/1000 FT
		IN	ММ	IN	ММ	IN	ММ	IN	ММ		
18/3	16/0100	0.023	0.5842	0.028	0.7112	0.153	3.8862	0.334	8.4836	1500	40
16/3	19/0112	0.023	0.58	0.028	0.71	0.160	4.06	0.365	9.27	7000	46
14/3	19/0140	0.023	0.58	0.030	0.76	0.177	4.50	0.415	10.54	6000	64
12/3	19/0177	0.026	0.66	0.030	0.76	0.208	5.28	0.486	12.34	4000	94
10/3	19/0223	0.031	0.7874	0.030	0.762	0.242	6.1468	0.59	14.986	1500	150

AUTOMOTIVE QUADRUPLEX





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 with a 60VDC voltage rating per the standard.

AUTOMOTIVE QUADRUPLEX



GAUGE	STRANDING	INSULATION THICKNESS		JACKET THICKNESS		MAJOR O.D.		MINOR O.D.		STANDARD PACKAGING	SHIPPING WEIGHT LBS/1000 FT	
		IN	ММ	IN	ММ	IN	ММ	IN	ММ			
16/4	19/0112	0.023	0.58	0.024	0.61	0.160	4.06	0.468	11.89	5000	61	
14/4	19/0140	0.023	0.58	0.024	0.61	0.165	4.19	0.524	13.31	4000	83	

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.

MADE IN THE USA

BOOSTER DUPLEX



GAUGE	STRANDING		ATION KNESS		IINAL .D.	STANDARD PACKAGE	SHIPPING WEIGHT -LBS/ 1000 FT.
		in	mm	min. x maj. in	min. x maj. mm		
10/2	104/.010″	0.030″	7.62	0.180″ x 0.375″	45.72 x 95.25	1500	80
8/2	7/24/.010″	0.060″	15.24	0.285" x 0.575"	72.39 x 146.05	1000	145
6/2	7/36/.010″	0.090″	22.86	0.380" x 0.845"	96.52 x 214.63	500	258
4/2	7/52/.010″	0.077″	19.55	0.400″ x 0.930″	101.6 x 120.65	500	338
2/2	12/52/.010″	0.087″	22.10	0.475" x 1.075"	137.16 x 273.05	1000	553
1/2	12/65/.010″	0.100″	25.4	0.540″ x 1.230″	137.16 x 312.42	1250	673
1/0 – 2	19/52/.010″	0.080″	20.32	0.550″ x 1.210″	139.70 x 307.34	2000	755

KALASWIRE.COM

P 717-336-5575

300 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 and reinforced paper fillers available.

APPLICATIONS

- See National Electric Code (NEC)

CONSTRUCTION

Bare or tinned stranded copper conductor insulated with PVC (T cords) or TPE (E cords) to conform to UL 62 & CSA C22.2 No. 49 TRI-NATIONAL (FLEX CORD). PVC available 60°C or 105°C. TPE available 105°C. SJT SJTO SJTOO SJTW SJTOW SJTOOW / SJE SJEO SJEOO SJEW SJEOW **SJEOOW**

300 VOLT PVC & TPE FLEXIBLE CORD



GAUGE	STRANDING	INSULA' THICKN		JACKET THICKN		NOMINA O.D. WI FILLER		NOMINA FILLERL		STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/	SHIPPING WEIGHT ~LBS/ 1000
		in	mm	in	mm	in	mm	in	mm		1000 FT. WITH FILLER	FT. FILLERLESS
18/2	16/010	0.030	0.76	0.030	0.76	0.302	7.67	N/A	N/A	5500	36	N/A
18/3	16/010	0.030	0.76	0.030	0.76	0.309	7.85	0.306	7.77	5000	47	55
18/4	16/010	0.030	0.76	0.030	0.76	0.338	8.59	0.335	8.51	4000	59	68
18/5	16/010	0.030	0.76	0.030	0.76	N/A	N/A	0.395	10.03	2000	N/A	98
16/2	26/010	0.030	0.76	0.030	0.76	0.315	8.00	N/A	N/A	5000	45	N/A
16/3	26/010	0.030	0.76	0.030	0.76	0.335	8.51	0.332	8.43	4500	59	70
16/4	26/010	0.030	0.76	0.030	0.76	0.367	9.32	0.264	6.71	3500	75	87
14/2	41/010	0.030	0.76	0.030	0.76	0.351	8.92	N/A	N/A	4000	60	N/A
14/3	41/010	0.030	0.76	0.030	0.76	0.374	9.50	0.371	9.42	3500	80	95
14/4	41/010	0.030	0.76	0.030	0.76	0.411	10.44	0.408	10.36	3000	103	119
14/5	41/010	0.030	0.76	0.030	0.76	0.465	11.81	N/A	N/A	3000	163	N/A
12/2	65/010	0.030	0.76	0.045	1.14	0.412	10.46	N/A	N/A	2500	89	N/A
12/3	65/010	0.030	0.76	0.045	1.14	0.437	11.10	N/A	N/A	2500	117	N/A
12/4	65/010	0.030	0.76	0.045	1.14	0.478	12.14	N/A	N/A	2000	148	N/A
10/2	104/010	0.045	1.14	0.060	1.52	0.555	14.10	N/A	N/A	1500	153	N/A
10/3	104/010	0.045	1.14	0.060	1.52	0.589	14.96	N/A	N/A	1500	205	N/A
10/4	104/010	0.045	1.14	0.060	1.52	0.646	16.41	N/A	N/A	1000	260	N/A

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.

MADE IN THE USA

600 VOLT PVC & TPE FLEXIBLE CORD



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

TRANSFORMER LEAD WIRE





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 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 ISO 9001:2015 CERTIFIED subject to change. Values are nominal and/or approximate. ISO 14001:2015 CERTIFIED

MADE IN THE USA BW/TRLD/12.22

TRANSFORMER LEAD WIRE



GAUGE	STRANDING		ULATION CKNESS	1	Nominal O.D.	STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/ 1000 FT.	
		in	mm	in	mm			
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	

KALAS MAILING ADDRESS 167 Greenfield Road Lancaster, PA 17601

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.

Specifications contained herein reflect

current data and are subject to change.

**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.

Values are nominal and/or approximate. MADE IN THE USA BW/ULCSA/1.25

ISO 9001:2015 CERTIFIED

ISO 14001:2015 CERTIFIED

UL / CSA MULTI-RATE SINGLE CONDUCTOR PVC



GAUGE	STRANDING	UL & CSA APPROVALS	INSULAT THICKNI		NOMINA	L O.D.	TEMP (DRY - WET)	STANDARD PACKAGING	SHIPPING WEIGHT LBS/
			INCHES	ММ	INCHES	ММ	VOLTAGE RATING		1000 FT
18	16/.010"	MTW AWM 1015/1230/1335/1032 / TEW TR-32	0.030	0.76	0.111	2.82	105°C-60°C / 600V	30,000 drum	10
16	26/.010"	BC-5W2 MTW AWM 1015/1230/1335/1032/ TEW TR-32	0.030	0.76	0.123	3.12	105°C-75°C / 600V	25,000 drum	13
14	19/.0147"	BC-5W2 MTW THW AWM 1015/1230/1335/1032/ TEW TR-32	0.030	0.76	0.136	3.45	105°C-75°C / 600V	20,000 drum	19
14	41/.010"	BC-5W2 MTW THW AWM 1015/1230/1335/1032/ TEW TR-32	0.030	0.76	0.136	3.45	105°C-75°C / 600V	20,000 drum	19
12	19/.0185"	BC-5W2 MTW THW AWM 1015/1230/1335/1032/ TEW TR-32	0.030	0.76	0.156	3.96	105°C-75°C / 600V	15,000 drum	27
12	65/.010"	BC-5W2 MTW THW AWM 1015/1230/1335/1032/ TEW TR-32	0.030	0.76	0.156	3.96	105°C-75°C / 600V	15,000 drum	27
10	19/.0234"	BC-5W2 MTW THW AWM 1015/1230/1335/1032 TEW TR-32	0.030	0.76	0.181	4.60	105°C-75°C / 600V	12,000 drum	40
10	104/.010"	BC-5W2 MTW THW AWM 1015/1230/1335/1032 TEW TR-32	0.030	0.76	0.181	4.60	105°C-75°C / 600V	12,000 drum	41
8	168/.010"	BC-5W2 MTW THW AWM 1024/1028/1228/1231/1336/1032 TEW	0.045	1.14	0.256	6.05	105°C-75°C / 600V	1000	74
6	266/.010"	BC-5W2 MTW THW AWM 1232/1337 TEW	0.060	1.52	0.315	7.75	105°C-75°C / 600V	1000	116
4	420/.010"	BC-5W2 MTW THW AWM 1232/1337 TEW	0.060	1.52	0.386	9.80	105°C-75°C / 600V	1000	173
2	665/.010"	BC-5W2 MTW THW AWM 1232/1337 TEW	0.060	1.52	0.446	11.89	105°C-75°C / 600V	500	259
1	836/.010"	BC-5W2 MTW THW AWM 1232/1338 TEW	0.080	2.03	0.518	13.54	105°C-75°C / 600V	500	335
1/0	1064/.010"	BC-5W2 MTW THW AWM 1232/1338 TEW	0.080	2.03	0.575	14.81	105°C-75°C / 600V	500	417
2/0	1330/.010"	BC-5W2 MTW THW AWM 1232/1338 TEW	0.080	2.03	0.615	16.00	105°C-75°C / 600V	500	510
3/0	1672/.010"	BC-5W2 MTW THW AWM 1232/1338 TEW	0.080	2.03	0.670	17.53	105°C-75°C / 600V	500	626
4/0	2109/.010"	BC-5W2 MTW THW AWM 1232/1338 TEW	0.080	2.03	0.735	19.56	105°C-75°C / 600V	500	777

KALAS MAILING ADDRESS

TULSA WAREHOUSE 1810 East Jasper St. Tulsa, Oklahoma 74110

PRIMARY WIRE GPT





FEATURES

BW/GPT/11.24

- 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 80°C PVC, also available in 105°C PVC. Kalas GPT Primary Wire is constructed to meet the requirements of SAE J1128. TWP is available upon request.

MADE IN THE USA

GAUGE	STRANDING		INSULATION THICKNESS		-	STANDARD PACKAGE REEL OR DRUM	SHIPPING WEIGHT ~LBS/
		in	mm	in mm			1000 FT.
18	16/.010	0.023	0.58	0.094	2.39	6000 / 50000	8.5
16	19/.0112	0.023	0.58	0.103	2.62	5000 / 30000	11
14	19/.0140	0.023	0.58	0.117	2.97	4000 / 25000	16
12	19/.0177	0.026	0.66	0.142	3.61	2500 / 18000	25
10	19/.0223	0.031	0.79	0.168	4.27	1500 / 12000	39
8	19/.0281	0.037	0.94	0.208	5.28	1000 / 8000	60

LOW ENERGY CIRCUIT CABLE /
LANDSCAPE LIGHTING
UL-ULECC, c(UL) ULEC





FEATURES

- –Special stranding and packaging available upon request
- Custom print available upon request
- Direct Burial
- Sunlight Resistant
- Sequential print available

CONSTRUCTION

Stranded bare copper conductor insulated with high grade PVC to form a 2 conductor parallel landscape lighting cable. One leg has raised ridges to easily identify polarity. UL and c(UL) listed. Operating temperature range is 60°C to -25°C. Voltage rating is 30V.

APPLICATIONS

- Landscape Lighting

GAUGE	STRANDING	INSULATION THICKNESS		MINOR		MAJOR		STANDARD PACKAGE	SHIPPING WEIGHT -LBS/ 1000 FT.	
INCH		INCHES	ММ	INCHES	ММ	INCHES	ММ			
18/2	16/010	0.045	1.1	0.290	7.4	0.145	3.7	500	28	
16/2	26/010	0.045	1.1	0.320	8.1	0.160	4.1	500	36	
14/2	41/010	0.045	1.1	0.350	8.9	0.175	4.4	500	49	
12/2	65/010	0.045	1.1	0.390	9.9	0.195	5.0	500	68	
10/2	104/010	0.045	1.1	0.440	11.2	0.220	5.6	500	95	
8/2	168/010	0.060	1.5	0.575	14.6	0.285	7.2	500	158	

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ROUND TRAILER CABLE





FEATURES

- Color sequence based on customer requests. Custom contructions and layups designed at customer's request.
- 105°C Singles and Jacket available upon request.
- 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°C) and jacketed with 80°C PVC jacket to form a round multiconductor cable. Inner conductors meet SAE J1128.

ROUND TRAILER CABLE



Gauge	Stranding	Insulation Diameter		Insulation Thickness		Jacket Thickness		Nominal O.D.		Standard Packaging	Shipping Weight Ibs/1000 ft
		Inch- es	ММ	Inch- es	ММ	Inches	ММ	Inches	ММ		
18/2	16/.010	0.094	2.39	0.023	0.58	0.048	1.22	0.290	7.37	6000	46
18/3	16/.010	0.094	2.39	0.023	0.58	0.038	0.97	0.280	7.11	1000	51
16/3	19/.0112	0.103	2.62	0.023	0.58	0.036	0.91	0.305	7.75	500	64
16/4	19/.0112	0.103	2.62	0.023	0.58	0.050	1.27	0.360	9.14	500	77
16/5	19/.0112	0.103	2.62	0.023	0.58	0.080	2.03	0.445	11.30	2500	129
16/6	19/.0112	0.103	2.62	0.023	0.58	0.040	1.02	0.390	9.91	500	109
14/2	19/.0140	0.117	2.97	0.023	0.58	0.025	0.64	0.294	7.47	1000	53
14/3	19/.0140	0.117	2.97	0.023	0.58	0.030	0.76	0.315	8.00	4000	83
14/4	19/.0140	0.117	2.97	0.023	0.58	0.050	1.27	0.410	10.41	2500	99
14/5	19/.0140	0.117	2.97	0.023	0.58	0.060	1.52	0.450	11.43	2500	147
14/6	19/.0140	0.117	2.97	0.023	0.58	0.072	1.83	0.500	12.70	2500	175
14/7	19/.0140	0.117	2.97	0.023	0.58	0.072	1.83	0.500	12.70	2500	189
12/3	19/.0177	0.142	3.61	0.026	0.66	0.035	0.89	0.370	9.40	4000	118
12/4	19/.0177	0.142	3.61	0.026	0.66	0.058	1.47	0.465	11.81	2000	166
12/1 14/6	12 - 19/.0177	0.142	3.61	0.026	0.66	0.069	1.75	0.520	13.21	2500	204
	14 - 19/.0140	0.117	2.97	0.023	0.58						
10/1 12/5	10 - 19/.0223	0.168	4.27	0.031	0.79	0.045	1.14	0.550	13.97	3000	242
	12 - 19/.0177	0.142	3.61	0.026	0.66						
10/1 12/6	10 - 19/.0223	0.168	4.27	0.031	0.79	0.045	1.14	0.550	13.97	3000	269
	12 - 19/.0177	0.142	3.61	0.026	0.66						
10/2 12/1 14/4	10 - 19/.0223	0.168	4.27	0.031	0.79	0.050	1.27	0.530	13.46	6000	228
	12 - 19/.0177	0.142	3.61	0.026	0.66						
	14 - 19/.0140	0.117	2.97	0.023	0.58						
8/1 10/2 12/4 (.060)	8 - 19/.0281	0.208	5.28	0.037	0.94	0.060	1.52	0.638	16.21	1000	301
	12 - 19/.0177	0.142	3.61	0.026	0.66						
	14 - 19/.0140	0.117	2.97	0.023	0.58	1					
8/1 10/2 12/4 (.080)	8 - 19/.0281	0.208	5.28	0.037	0.94	0.080	2.03	0.700	17.78	1500	362
	12 - 19/.0177	0.142	3.61	0.026	0.66						
	14 - 19/.0140	0.117	2.97	0.023	0.58	1					

BW/TC/12.22





FEATURES

- Non-wicking polypropylene and reinforced paper fillers available.
- Made per UL Standard 62 for Flexible Cord
- Custom print available upon request.

APPLICATIONS

- Vacuum Cleaner Cord, Food processors or Office Equipment

CONSTRUCTION

Bare copper conductor insulated with 105C PVC, twisted with or without fillers, and jacketed with 105C PVC to conform to UL and CSA. Rated for 300V. *18/2 and 18/3 fillerless enhanced with a micro poly strength member for mechanical strength.

GAUGE	STRANDING	INSULA' THICKN				NOMINAL O.D. WITH FILLER		NOMINAL O.D. FILLERLESS		STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/	SHIPPING WEIGHT ~LBS/ 1000
		in	mm	in	mm	in	mm	in	mm		1000 FT. WITH FILLER	FT. FILLERLESS
18/2*	41/.0063"	0.015	0.38	0.030	0.76	0.245	6.22	0.245	6.22	15000	100	104
18/3*	41/.0063"	0.015	0.38	0.030	0.76	0.242	6.15	0.239	6.07	12000	72	86
16/2	65/.0063"	0.015	0.38	0.030	0.76	0.250	6.35	N/A	N/A	10000	87	N/A
16/3	65/.0063"	0.015	0.38	0.030	0.76	0.269	6.83	0.266	6.76	10000	120	120

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* This product can be designed to meet customer specification

ISO 9001:2015 CERTIFIED ISO 14001:2015 CERTIFIED

KALAS MAILING ADDRESS 167 Greenfield Road Lancaster, PA 17601

TULSA WAREHOUSE

1810 East Jasper St. Tulsa, Oklahoma 74110

KALASWIRE.COM P 717-336-5575

MADE IN USA



EXTRUDED STRIPE

- Increase your cable's visibility
- Integrate your brand color
- Easy identification





Custom Print Legend Available

Choose Indent or Ink Cable Print

Made to Order

Minimum Order Quantities Apply



Toughplexin HEAVY BUTY WELDIN

167 Greenfield Road Lancaster, PA 17601

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Custom Options to Support Your Needs

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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



CUSTOM TERMINATED BATTERY CABLES

Create the Custom Cable You Need

- I 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!





TERMINATED BATTERY CABLES

Customized Solutions For All Applications



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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

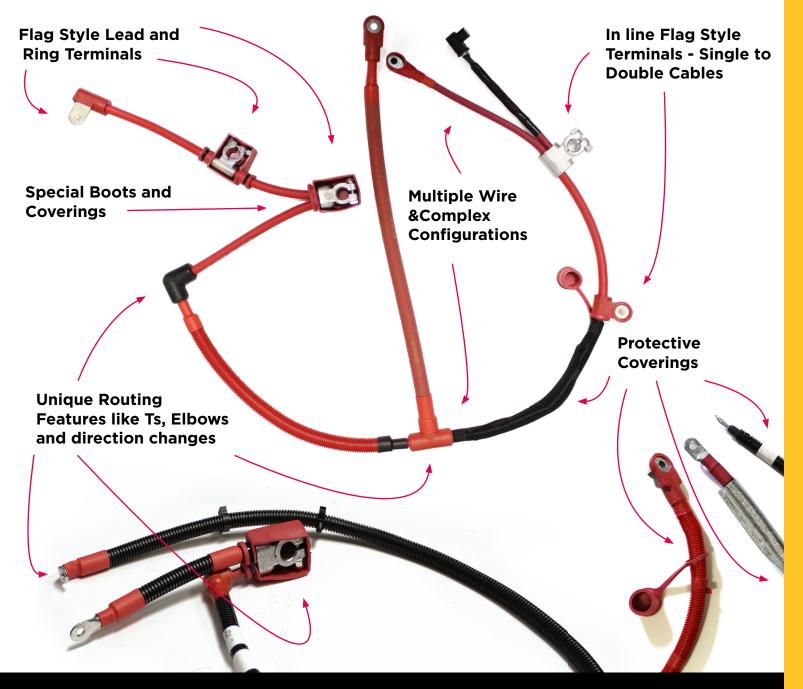


KALAS

ENDLESS CONFIGURATIONS

With Kalas, your termination challenges can be solved.

CREATE YOUR CUSTOM CABLE WITH THESE FEATURES & MORE.



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 17517Velocity Center and Corporate Offices



PLANT #1 (K1)

25 Main Street, Denver, PA 17517Copper Rod Mill



PLANT #2 (K2)

86 Denver Road, Denver, PA 17517Insulation Extrusion, Value-Add Assemblies

WAREHOUSE LOCATION

Tulsa Warehouse

1810 East Jasper St. Tulsa, Oklahoma 74110

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