



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

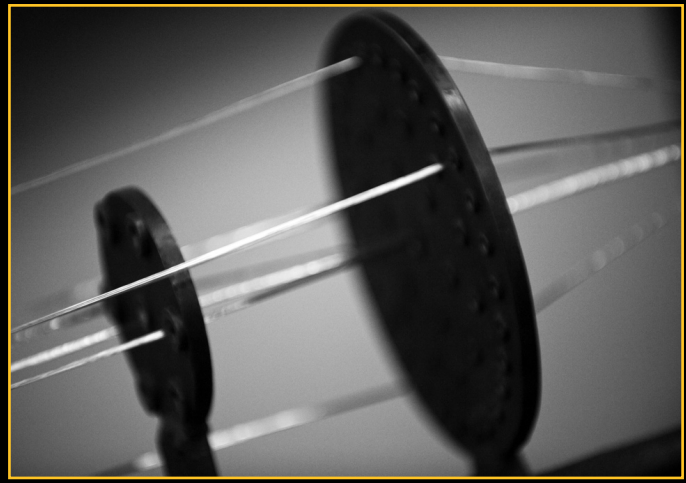
40+ MILLION POUNDS
of copper processed annually

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 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



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



KALAS



WIRE & CABLE

OVER A HALF CENTURY OF EXPERTISE

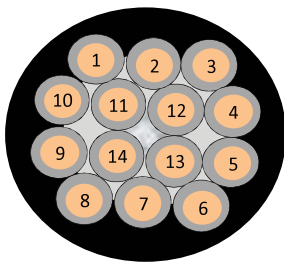
12 GAUGE / 14 CONDUCTOR ENTERTAINMENT LIGHTING CABLE



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 FOUR - 4

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

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

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.
- 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

KALAS | ENTERTAINMENT CABLE

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



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

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

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

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
600 Volts
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 CIRCUIT 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	1027
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		

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

KALAS MAILING ADDRESS

167 Greenfield Road
Lancaster, PA 17601

TULSA WAREHOUSE

1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM

P 717-336-5575

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 QUADRUPLUX

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

SGT
SGR
UL SGR 105°C (UL4127)
SGX
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 Innors
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 Innors
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 Innors
60°C or 105°C -40°C
18 - 10 AWG; 2-4 conductors.
Also available with greater than
4 conductors

300V SERVICE CORD

SJE, SJEQ, SJEQO, SJEW, SJEOW,
SJEOWW
TPE Jacket, PVC Innors
105°C -40°C or -50°C
18 - 10 AWG; 2-4 conductors
Also available with greater than
4 conductors

600V SERVICE CORD

SE, SEQ, SEQO, SEOW, SEOWW
TPE Jacket, TPE Innors
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

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

BOAT CABLE MULTI-CONDUCTOR FLAT

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

BOAT CABLE MULTI-CONDUCTOR ROUND

PVC
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 J328
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

167 Greenfield Road
Lancaster, PA 17601

Kalas Product Line Card 2.25

TULSA WAREHOUSE

1810 East Jasper St.
Tulsa, Oklahoma 74110

KALASWIRE.COM

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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

VISIT US AT **KALASWIRE.COM**

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