

# **DELIVERING DEPENDABILITY**

# FOR MORE THAN A HALF CENTURY

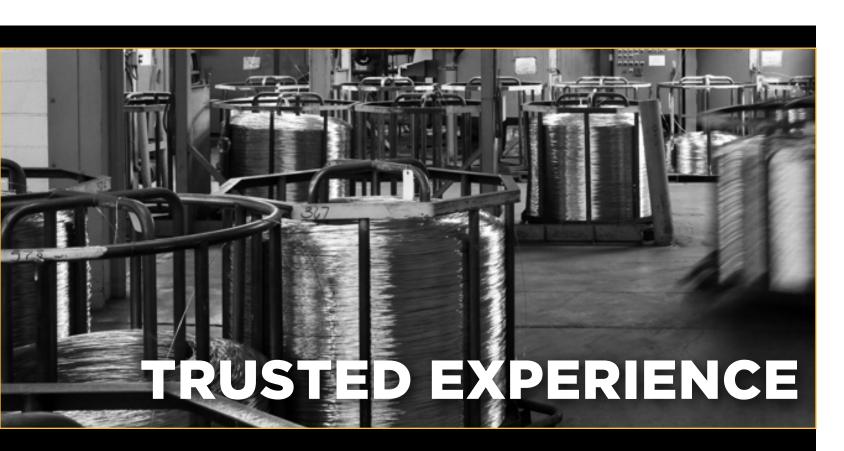
Kalas is a full-service manufacturer with more than 60 years of experience. We are strategically positioned to deliver unprecedented quality cable & value-add solutions to the industrial & shore power market.



### **OFFERING YOU COLLABORATIVE SOLUTIONS**

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

- MARKET LEADER
- FULLY-INTEGRATED MANUFACTURER
  - DEPENDABLE PARTNER



# SUPERIOR MATERIAL CONTROL

Through Owning Each Stage of Production.

**DRAWN COPPER** fabricated from

5/16" copper rod

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

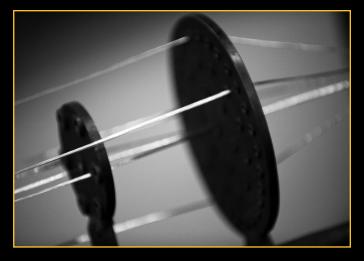
15 STATE-OF-THE-ART extrusion lines

**CUSTOM & COMPETITIVE** 

value-add solutions

Manufacturing Quality Cable You Can Trust.

STRATEGIC VERTICAL INTEGRATION











# INDUSTRIAL POWER CABLE

## **Expert Quality Type W, Type SC, SE, PPE/PPC Cable**

Professional industrial power cable for temporary or permanent power, portable generators, air conditioning, grounding, power extension, shore power, mining &

oil drill applications, TV, theaters, sound systems, stages

and more.



Professional grade power cable for generator, battery & motor leads, heavy duty & temporary power supplies, and light & medium duty mining

### **SE Power Cord**

lighting & power

Heavy duty flexible cord for indoor use in industrial machinery, appliances, heavy-duty tools, motors, and temporary indoor electrical power and lighting

**GenFlex™ Type SC (Stage Cable)** 

Engineered for professional quality stage



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# Portable Power and Stage Lighting Cable (PPC/PPE/SCE)

Heavy duty industrial power cable for temporary or permanent power, portable generators, air conditioning, grounding, power extension, shore power, mining & oil drilling



POWER CABLE YOU CAN TRUST

# 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	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

# **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.

ISO 9001:2015 CERTIFIED

- Portable lighting systems used for the above applications.

# **GENFLEX™ TYPE SC ENTERTAINMENT CABLE**



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	

MADE IN THE USA

BW/SC/11.24

# PORTABLE POWER AND STAGE LIGHTING CABLE (PPC/PPE/SCE)





#### **FEATURES**

- UL Listed, MSHA Approved, Oil Resistant, Sunlight Resistant, Water Resistant, Flame Resistant.
- Sequentially printed footage.
- Special packaging and cut lengths available.
- Customizable PermaPrint™ indent print that lasts a lifetime and inkjet print are available on all colors & sizes.

#### **APPLICATIONS**

 Kalas single conductor PPE/PPC portable power cable is designed for heavy duty industrial power applications such as temporary or permanent power, including portable generators, air conditioning, grounding, power extension, shore power, mining and oil drill applications. Type PPE is constructed like Type W cable and per article 400 in the NEC and may be used in applications where Type W cable are used.

#### CONSTRUCTION

Highly flexible stranded No. 30 bare copper conductor insulated with high grade RoHS compliant TPE and then jacketed with durable RoHS compliant TPE. A high strength fiber braid is added between the insulation and jacket providing extra strength.

Operating temperatures range from -40°C to 90°C dry and 75°C wet. Rated voltage up to 2000V.

Specifications contained herein reflect current data and are

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



# PORTABLE POWER AND STAGE LIGHTING CABLE (PPC/PPE/SCE)



GAUGE	STRANDING	INSULATION THICKNESS		Nominal O.D.		JACKET THICKNESS		STANDARD PACKAGE	SHIPPING WEIGHT ~LBS/ 1000 FT.
		in	mm	in	mm	in	mm		
8	7/24/010 (168)	0.060	1.52	0.075	1.91	500 / 1000	124	0.455	11.56
6	7/38/010 (266)	0.060	1.52	0.095	2.41	500 / 1000	182	0.523	13.28
4	7/60/010 (420)	0.060	1.52	0.095	2.41	500 / 1000	249	0.591	15.01
2	7/95/010 (665)	0.070	1.78	0.095	2.41	500 / 1000	352	0.662	16.81
1	19/44/010 (836)	0.080	2.03	0.095	2.41	500 / 1000	435	0.723	18.36
1/0	19/56/010 (1064)	0.080	2.03	0.095	2.41	500 / 1000	513	0.773	19.63
2/0	19/70/010 (1330)	0.080	2.03	0.095	2.41	500 / 1000	617	0.825	20.96
3/0	19/88/010 (1672)	0.080	2.03	0.095	2.41	500 / 1000	740	0.880	22.35
4/0	19/111/010 (2109)	0.080	2.03	0.095	2.41	500 / 1000	898	0.950	24.13
250MCM	19/133/010 (2527)	0.098	2.49	0.095	2.41	500	1084	1.041	26.44
300MCM	19/7/23/010 (3059)	0.098	2.49	0.095	2.41	500	1355	1.103	28.02

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

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

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

#### 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 PVC 90°C	COIL LEAD WIRE CL1251	<b>TEW</b> PVC 105°C	TR32 PVC 90°C	TR64 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	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					

	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 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

KALASWIRE.COM

Kalas Product Line Card 2.25

KALAS MAILING ADDRESS



# 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