

Carol® Brand  
Portable Power Cord &  
Control Cable Solutions  
for the Entertainment Market

**CAROL®  
BRAND**



Made in U.S.A.

 **General Cable**



**General Cable's Carol<sup>®</sup> Brand portable power cord and control cable solutions are manufactured for use in the entertainment industry.**

They are designed to deliver temporary power to television and theatre sets, mobile broadcast trucks, concerts, sporting events and other sites with the lowest possible electrical loss and failures.

**Carol Brand power cord and control cables are flexible, durable and suitable for both indoor and outdoor use.**

Our cables are RoHS Compliant, meet UL requirements and are in compliance with the National Electrical Code<sup>®</sup> (NEC).

# Portable Power Cord

## Carol® Brand Super Vu-Tron® Entertainment & Stage Lighting Cable

105°C 600 Volt, UL Type SC and CSA Type PPC

Carol® Brand Super Vu-Tron® Cable is designed to deliver power to an entertainment site with the lowest possible electrical loss. It is manufactured for ease of handling, includes a thermoset jacket for added durability and has 30 AWG Class K stranding for maximum flexibility.



### Applications:

- Portable power systems
- Entertainment industry activities such as theatre, television, nightclubs, motion pictures, mobile communication vans, spotlights, sound systems and other similar applications requiring temporary power

### Features:

- Water- and sunlight-resistant
- Designed to withstand severe environmental conditions
- Withstands exposure to oil, acids, alkalies, heat, flame, moisture and chemicals
- Meets or exceeds flame test requirements of CSA and UL

### Industry Approvals:

- UL Certified
- CSA Certified
- RoHS Compliant



CATALOG NUMBER	AWG SIZE	COND. STRAND	NOMINAL O.D.		CURRENT AMPS <sup>1</sup>	APPROX. NET WEIGHT LBS/M <sup>6</sup>	STD. CTN.
			INCHES	mm			
01109*	8	168/30	0.385	9.78	80	110	1000'
01108	6	259/30	0.420	10.67	105	152	1000'
01107	4	416/30	0.475	12.07	140	215	1000'
01106	2	655/30	0.520	13.21	190	296	1000'
01105	1	827/30	0.575	14.61	220	360	1000'
01104	1/0	1042/30	0.600	15.24	260	424	1000'
01103	2/0	1316/30	0.645	16.38	300	513	1000'
01102*	3/0	1660/30	0.715	18.16	350	644	1000'
01101	4/0	2062/30	0.765	19.43	405	824	1000'

(1) NEC Table 400.5(A)(2)

\* Non-stock item; minimum quantity purchase required.

<sup>6</sup> Actual shipping weight may vary.

## Carol® Brand Super Vu-Tron® Single Conductor Type W Extra-Flex Cable

90°C 2000 Volt, UL and CSA Type W

Carol® Brand Super Vu-Tron® Type W Extra-Flex Cable is the perfect choice for temporary power cable identification and tracking while on location.



### Applications:

- Portable power systems
- Entertainment industry activities such as theatre, television, nightclubs, motion pictures, mobile communication vans, spotlights, sound systems and other similar applications requiring temporary power
- Permanent wiring of 2000 Volt power supplies, hoists, cranes and other applications

### Features:

- Vivid colors & custom print legends available
- Water- and sunlight-resistant
- Ultra-durable, superior flex design for long life and to withstand severe environmental conditions
- Withstands exposure to oil, acids, alkalies, heat, flame, moisture and chemicals
- Meets or exceeds flame test requirements of MSHA, CSA and UL

### Industry Approvals:

- UL Type W
- CSA Type W
- MSHA Approved
- RoHS Compliant



CATALOG NUMBER	AWG SIZE	COND. STRAND	NOMINAL O.D.		CURRENT AMPS <sup>1</sup>	APPROX. NET WEIGHT LBS/M <sup>6</sup>	STD. CTN.
			INCHES	mm			
80611*	8	168/30	0.440	11.180	80	149	1000'
80621	6	259/30	0.530	13.460	105	205	1000'
80631	4	416/30	0.585	14.860	140	264	1000'
80641	2	655/30	0.650	16.510	190	370	1000'
80651	1	827/30	0.730	18.540	220	479	1000'
80661*	1/0	1042/30	0.750	19.050	260	535	1000'
80671*	2/0	1316/30	0.825	20.960	300	653	1000'
80681*	3/0	1660/30	0.855	21.720	350	755	1000'
80691	4/0	2062/30	0.980	24.890	405	1056	1000'
80701*	250 kcmil	2496/30	1.020	25.908	455	1150	1000'

(1) Ampacities based on 90°C conductor and 30°C ambient temperature, based on Table 310-17 and Table 400.5(A)(2) in the National Electrical Code for single conductor cables.

\* Non-stock item; minimum quantity purchase required.

<sup>6</sup> Actual shipping weight may vary.



# Portable Power Cord

## Carol® Brand Super Vu-Tron® Supreme Types SJOOW/SOOW Cord

105°C 300 and 600 Volt, UL/CSA Portable Cord

When you require superior portable power cable for the best quality performance, select Carol® Brand Super Vu-Tron® Supreme Types SJOOW and SOOW Cord. General Cable manufactures this with all the features and benefits you demand and expect for extreme entertainment applications and venues.

### Applications:

- Machine and power tools
- Motor leads
- Portable machinery
- Cranes
- Where water immersion is required
- Severe environment OEM/MRO applications

### Features:

- Excellent flexibility in cold temperatures
- Lasts longer in flex applications (extra-flexible Class M stranding)
- Integral Flexfill®
- Ozone-, sunlight (UV)-, water-\* and weather-resistant
- Withstands exposure to oil, acids, high heat, flame, moisture and chemicals
- Excellent abrasion and cut resistance
- Black jacket; high-visibility yellow jacket also available
- Tinned copper conductors – corrosion/oxidation-resistant
- UL Listed and CSA Certified for indoor and outdoor use

\*Suitable for immersion in water if properly sealed and terminated.

### Industry Approvals:

- UL Flexible Cord – UL 62
- CSA Flexible Cord – C22.2-49
- MSHA Approved
- OSHA Acceptable
- RoHS Compliant



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL O.D.		CURRENT AMPS <sup>1</sup>	APPROX. NET WEIGHT LBS/M <sup>2</sup>	STD. CTN.
				INCHES	mm			
<b>TYPE SJOOW - 300 VOLT - UL/CSA</b>								
02601	2	18	41/34	0.310	7.87	10	60	1000'
02602	3	18	41/34	0.320	8.13	10	70	1000'
02603	4	18	41/34	0.345	8.76	7	85	250'
02604	2	16	65/34	0.315	8.00	13	67	1000'
02605	3	16	65/34	0.335	8.51	13	83	250'
02606	4	16	65/34	0.370	9.40	10	100	250'
02607	2	14	105/34	0.370	9.40	18	90	250'
02608	3	14	105/34	0.375	9.53	18	114	250'
02609	4	14	105/34	0.405	10.29	15	132	250'
<b>TYPE SOOW - 600 VOLT - UL/CSA</b>								
02631*	2	18	41/34	0.365	9.27	10	75	250'
02632	3	18	41/34	0.375	9.53	10	84	250'
02633*	4	18	41/34	0.400	10.16	7	110	250'
02634	2	16	65/34	0.370	9.40	13	86	250'
02635	3	16	65/34	0.395	10.03	13	105	250'
02636	4	16	65/34	0.425	10.80	10	127	250'
02621	5	16	65/34	0.515	13.08	8	181	250'
02637*	2	14	105/34	0.510	12.95	18	155	250'
02638	3	14	105/34	0.525	13.34	18	176	250'
02639	4	14	105/34	0.575	14.61	15	218	250'
02622*	5	14	105/34	0.675	17.15	12	285	250'
02641*	2	12	168/34	0.590	14.99	25	200	250'
02642	3	12	168/34	0.600	15.24	25	243	250'
02643	4	12	168/34	0.650	16.51	20	295	250'
02623*	5	12	168/34	0.730	18.54	16	315	250'
02645	3	10	259/34	0.660	16.76	30	299	250'
02646	4	10	259/34	0.710	18.03	25	413	250'
02624*	5	10	259/34	0.770	19.56	20	432	250'

\* Non-stock item; minimum quantity purchase required.

(1) Green conductor for grounding only. Ampacities based on NEC Table 400.5(A)(1).

(2) Actual shipping weight may vary.

When you require reliable power to deliver superior signals, lighting and sound, **Demand Better and Expect More** with the broadest line of General Cable Carol Brand portable power and control cable solutions available.

# Portable Power Cord

## Carol® Brand Carolprene® Types SJOOW/SOOW Cord 90°C 600 Volt, UL/CSA Portable Cord

Carol® Brand Carolprene® is the solution for standard applications where portable power is required. Carolprene rubber cord meets the standards for commercial and industrial applications and is approved for both indoor and outdoor use.



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL O.D.		CURRENT AMPS <sup>1</sup>	APPROX. NET WEIGHT LBS/M <sup>5</sup>	STD. CTN.
				INCHES	mm			
<b>TYPE SJOOW - 300 VOLT - UL/CSA</b>								
01311	3	18	16/30	0.305	7.75	10	60	1000'
01344	4	18	16/30	0.330	8.38	7	72	250'
01342	3	16	26/30	0.330	8.38	13	72	250'
01343	4	16	26/30	0.365	9.27	10	89	250'
01360	3	14	41/30	0.370	9.40	18	100	250'
01364	4	14	41/30	0.410	10.41	15	128	250'
01380	3	12	65/30	0.430	10.92	25	136	250'
01381	4	12	65/30	0.475	12.07	20	177	250'
01383	3	10	104/30	0.580	14.73	30	236	250'
01384	4	10	104/30	0.655	16.64	25	296	250'

<b>TYPE SOOW - 600 VOLT - UL/CSA</b>								
02769	3	18	16/30	0.365	9.27	10	80	250'
02770	4	18	16/30	0.390	9.91	7	94	250'
02765	3	16	26/30	0.390	9.91	13	94	250'
02766	4	16	26/30	0.420	10.67	10	114	250'
02762	3	14	41/30	0.535	13.59	18	171	250'
02768	4	14	41/30	0.575	14.61	15	209	250'
02725	3	12	65/30	0.595	15.11	25	223	250'
02726	4	12	65/30	0.650	16.51	20	276	250'
02728	3	10	104/30	0.660	16.76	30	289	250'
02727	4	10	104/30	0.715	18.16	25	351	250'

### Applications:

- Portable tools, equipment and appliances
- Small motors and associated machinery
- OEM/MRO applications
- OSHA VPP safety
- Construction site power

### Features:

- Excellent resistance to oil and moisture
- Good tensile strength, elongation and aging characteristics
- High flexibility
- Ozone-, sunlight (UV)-, water-\* and weather-resistant
- Excellent abrasion resistance
- Black jacket; high-visibility yellow jacket also available
- UL Listed and CSA Certified for indoor and outdoor use

\*Suitable for immersion in water if properly sealed and terminated.

### Industry Approvals:

- UL Flexible Cord – UL 62
- CSA Flexible Cord – C22.2-49
- MSHA Approved
- RoHS Compliant



Cord furnished with UL and CSA labels.

(1) Green conductor for grounding only. Ampacities based on NEC Table 400.5(A)(1).

(5) Actual shipping weight may vary.

## Carol® Brand HMI Lighting Cable 90°C 600 Volt, UL and CSA Type SOOW

OEM constructions and custom designs are available upon request.



### Applications:

- For power supply from ballast to HMI lamp head
- Jacketed and jacketed constructions available in 7 and 9 conductors.

## Carol® Brand Lighting Cable for Socapex\* Connector Applications 105°C 600 Volt, 12 and 14 AWG, 14 or 19 Conductor, UL and CSA AWM

OEM constructions and custom designs are available upon request.



\* SOCAPEX is a trademark of Amphenol Corporation.

### Applications:

- Stage lighting cable
- For portable use or remote environments
- Compatible with all industry standard connectors; primary applications are stage lighting and audio (PA systems/amplifiers)

### Industry Approvals:

- UL AWM Style 4431 (Rubber)
- UL AWM Style 2586 (PVC)
- UL AWM Style 20328 (TPE)
- CSA AWM I/II A/B
- RoHS Compliant

### Features:

- Excellent resistance to oil and moisture
- High flexibility
- Ozone-, sunlight (UV)-, water- and weather-resistant
- Withstands exposure to oil, acids, high heat, flame, moisture and chemicals
- Excellent abrasion and cut resistance
- UL Recognized and CSA Certified for indoor and outdoor use



# Specialized Control Cable

## Carol® Brand DMX Lighting Control Cable

22 AWG Multi-Paired Stranded Tinned Copper

Carol® Brand DMX Lighting Control Cables are exceptionally durable and flexible and meet the USITT standards for DMX512 cable specifications—120Ω impedance, low capacitance, and double (foil and braid) shield. Unlike conventional cables that are not intended for data transmission, Carol DMX Lighting Control Cables offer reliable data transfer through their data-specific design. In addition, they feature all-weather, extra-flexible jacket materials that are tough, abrasion-resistant and flexible even in hot or cold temperature environments.



### Applications:

- DMX512 lighting control
- For portable use or remote environments

### Features:

- True DMX512 construction
- Low-capacitance data pairs
- Drain wire for easy shield termination
- Color-coded conductors for easy identification
- One- or two-pair designs available
- Durable, flexible, all-weather jacket

### Industry Approvals:

- Meets or exceeds USITT standards

CATALOG NUMBER	AWG SIZE	COND. STRAND	NOMINAL O.D.		APPROX. NET WEIGHT LBS/M <sup>s</sup>	STD. CTN.
			INCHES	mm		
01220.41.01	22	7/30	0.245	6.22	33	1000'
02220.41.01	22	7/30	0.278	7.06	47	1000'

No. of Pairs	Color
1	Black, White
2	Black & White, Red & Blue

## Carol® Brand Color Changer Cable

OEM constructions and custom designs are available upon request.

# Gepco® Broadcast, Professional & Commercial Audio/Visual Cables



In addition to the full Carol® Brand portable power and lighting cable solutions for

the entertainment market, General Cable also provides the complementary line of Gepco® broadcast, professional and commercial audio/video cables. Engineered and manufactured to industry-leading standards, Gepco Brand products bring the optimum clarity and reliability required by the entertainment market.

The complete Gepco® Brand offering includes:

- Analog Audio Cables
- Digital Audio Cables
- Video Cables
- Camera Cables (Copper & Fiber)
- Tactical Optical Fiber Cables
- Cable Assemblies (Copper & Fiber)
- Breakout Racks, Boxes and Panels (Copper & Fiber)
- V-CON Multi-Channel Video Connector System
- V-LIGHT™ Active Fiber Cable System
- RunONE™ Powered Cable & Assemblies
- Automation & Lighting Control Cables



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