

Marine Cable



**Need Power?
Think Cobra.**

Your Source for:

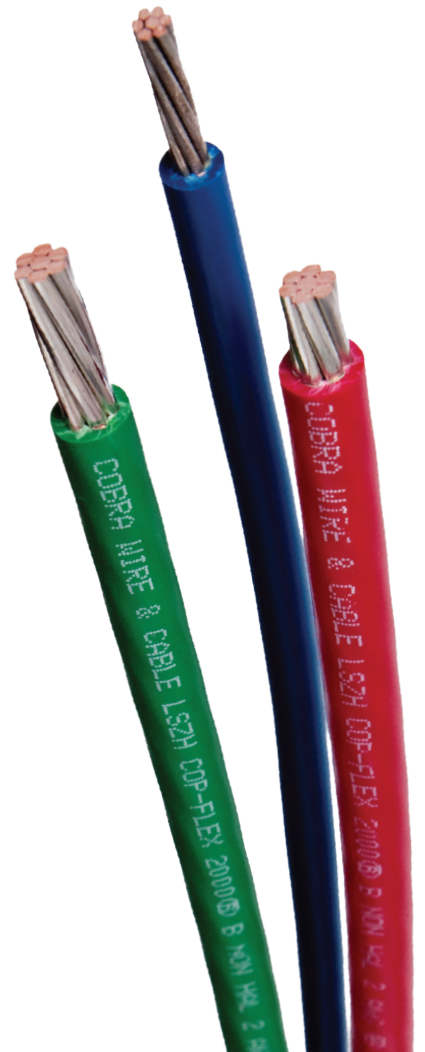
- UL 1426 - Flat
- UL 1426 - Round
- Marine Singles
- Battery Cable

Cobra Wire & Cable

is committed to providing the highest quality products and services to every customer, every time. Our goal is complete and total customer satisfaction before and after the sale.

To satisfy high customer expectations and earn customer confidence, Cobra promises to excel through a program of continuous quality improvement.

Cobra Wire & Cable is committed to keeping our customers informed of the ever changing technologies of tomorrow. Our pledge is to supply the highest quality product at competitive prices, and most importantly, Cobra promises to put our customers' needs first.





**CONNECTIVITY
& POWER
SOLUTIONS**

Allied Wire & Cable was founded in 1987 and has become one of the largest independent distributors of wire in the country. With a commitment to outstanding customer service, product quality, deliveries, and pricing, Allied Wire & Cable continues to grow.

Cobra Wire & Cable was founded in 1988 and is known for pioneering X-Flex cable in the Pleasure Boat and Marine Industry. Committed to technological advancements and environmental stewardship, setting industry standards for excellence.

Connect-Air specializes in low voltage inbuilding cable solutions for HVAC, Security, Fire Alarm systems, Lighting Control, DAS/BDA, and Audio / Visual applications.

ElectroWire is the largest stocking distributor of Exane®, the transit cable of choice used in over 20,000 locomotives and light rail transit cars worldwide.

Olympic Wire & Cable is an industry leader in quality electronic wire and cable for over 40 years. Expertise, extensive product range, and commitment to fast delivery make Olympic Wire & Cable a trusted partner in meeting diverse industry needs.

Seacoast is a specialty supplier of cable and associated electrical and electronic products for the military and shipbuilding industry, the oil and gas industry, and industrial markets.

GCG Connectivity & Power Solutions provides innovative products and solutions for customers in a wide range of markets.



Aerospace



Alternative Energy



Automotive/EV



Building Automation



Data Centers



Electrical Applications
& Lighting Equipment



Industrial Equipment
Manufacturing



Marine, Pleasure Boat
& Shipbuilding



Military & Defense
Armored Vehicle



Power Distribution &
Battery



Rail & Transit



Wire Harness & Cable
Assembly Manufacturing

COBRA BOAT CABLE®

Flat multi conductor marine boat cable
Meeting UL & ABYC standards

DESCRIPTION

This specification covers the requirements for flexible multi conductor tinned copper, flame retardant boat cable. Cobra boat cable meets or exceeds ABYC, UL, and Coast Guard requirements. Cable is rated at 105°C, 75°C wet (BC-5W2) 600 Volt UL 1426 for AC and DC circuits.

STRANDING

Class K 30 Gauge Tinned Copper

STANDARD

UL 1426

UL Listed BC-5W2

INSULATION

This product offers a unique flame retardant polyvinyl chloride compound (VW-1), and is moisture, abrasion, acid, diesel fuel and oil resistant. It is extremely flexible and easy to work with.

VOLTAGE

600 Volts

TEMPERATURE

105°C dry, 75°C wet



★ VARIOUS JACKETS AND
INNER CONDUCTOR COLOR
COMBINATIONS AVAILABLE.





COBRA WIRE & CABLE BOAT CABLE® E NUMBER
(UL) AWG SIZE # OF COND 600V 105°C DRY 75°C
WET BC5W2 MADE IN USA RoHS COMPLIANT

Cobra Part Number	Size	Conductors	Stranding	Insulation Thickness	Nominal OD	Cable Weight
	AWG				In	Lbs/MFT
B7W16T-XX	16	2	26 x 30	0.030	0.192 x 0.319	51
B7G16T-XX	16	2	26 x 30	0.030	0.192 x 0.319	51
B7W16T-XX	16	3	26 x 30	0.030	0.187 x 0.433	70
B7G16T-XX	16	3	26 x 30	0.030	0.187 x 0.433	70
B7W14T-XX	14	2	41 x 30	0.030	0.215 x 0.350	65
B7G14T-XX	14	2	41 x 30	0.030	0.215 x 0.350	65
B7W14T-XX	14	3	41 x 30	0.030	0.223 x 0.500	93
B7G14T-XX	14	3	41 x 30	0.030	0.223 x 0.500	93
B7W12T-XX	12	2	65 x 30	0.030	0.230 x 0.381	92
B7G12T-XX	12	2	65 x 30	0.030	0.230 x 0.381	92
B7W12T-XX	12	3	65 x 30	0.030	0.230 x 0.528	128
B7G12T-XX	12	3	65 x 30	0.030	0.230 x 0.528	128
B7W10T-XX	10	2	105 x 30	0.030	0.250 x 0.430	138
B7G10T-XX	10	2	105 x 30	0.030	0.250 x 0.430	138
B7W10T-XX	10	3	105 x 30	0.030	0.270 x 0.620	179
B7G10T-XX	10	3	105 x 30	0.030	0.270 x 0.620	179
B7W82T-XX	8	2	133 x 29	0.045	0.362 x 0.607	230
B7G82T-XX	8	2	133 x 29	0.045	0.362 x 0.607	230
B7W83T-XX	8	3	133 x 29	0.045	0.363 x 0.885	320
B7G83T-XX	8	3	133 x 29	0.045	0.363 x 0.885	320
B7W62T-XX	6	2	133 x 29	0.060	0.436 x 0.772	364
B7G62T-XX	6	2	133 x 29	0.060	0.436 x 0.772	364
B7W63T-XX	6	3	133 x 29	0.060	0.450 x 1.080	523
B7G63T-XX	6	3	133 x 29	0.060	0.450 x 1.080	523

W=White, G=Gray

★ You can count on the excellence and dependability of these marine cables, meeting both UL & ABYC standards, when manufacturing high quality yachts, sport fishing boats, and pleasure crafts. Available for aftermarket uses as well.

COBRA BOAT CABLE®

Round multi conductor marine boat cable
Meeting UL & ABYC standards

DESCRIPTION

This specification covers the requirements for flexible multi conductor tinned copper flame retardant boat cable. Cobra boat cable meets or exceeds ABYC, UL, and Coast Guard requirements. Cable is rated at 105°C, 75°C wet (BC-5W2) 600 Volts UL 1426 for AC & DC circuits.

STRANDING

Class K 30 Gauge Tinned Copper

STANDARD

UL 1426
UL listed

INSULATION

This product offers a unique flame retardant polyvinyl chloride compound (VW-1), and is moisture, abrasion, acid, diesel fuel and oil resistant. It is extremely flexible & easy to work with. Standard colors on overall jacket include gray and white.

VOLTAGE

600 Volts

TEMPERATURE

105°C dry, 75°C wet



COBRA WIRE & CABLE BOAT CABLE® E NUMBER
(UL) AWG SIZE # OF COND 600V 105°C DRY 75°C
WET BC5W2 MADE IN USA RoHS COMPLIANT

Cobra Part Number	Size	Conductors	Stranding	Insulation Thickness	Nominal OD	Cable Weight
	AWG					Lbs/MFT
B6W16T-XX	16	2	26 x 30	0.030	0.313	49
B6G16T-XX	16	2	26 x 30	0.030	0.313	49
B6W16T-XX	16	3	26 x 30	0.030	0.333	64
B6G16T-XX	16	3	26 x 30	0.030	0.333	64
B6W16T-XX	16	4	26 x 30	0.030	0.366	80
B6G16T-XX	16	4	26 x 30	0.030	0.366	80
B6W16T-XX	16	5	26 x 30	0.030	0.399	95
B6G16T-XX	16	5	26 x 30	0.030	0.399	95
B6W16T-XX	16	6	26 x 30	0.030	0.436	111
B6G16T-XX	16	6	26 x 30	0.030	0.436	111
B6W14T-XX	14	2	41 x 30	0.030	0.349	66
B6G14T-XX	14	2	41 x 30	0.030	0.349	66
B6W14T-XX	14	3	41 x 30	0.030	0.393	89
B6G14T-XX	14	3	41 x 30	0.030	0.393	89
B6W14T-XX	14	4	41 x 30	0.030	0.408	109
B6G14T-XX	14	4	41 x 30	0.030	0.408	109
B6W14T-XX	14	5	41 x 30	0.030	0.458	132
B6G14T-XX	14	5	41 x 30	0.030	0.458	132
B6W14T-XX	14	6	41 x 30	0.030	0.488	153
B6G14T-XX	14	6	41 x 30	0.030	0.488	153
B6W12T-XX	12	2	65 x 30	0.030	0.409	98
B6G12T-XX	12	2	65 x 30	0.030	0.409	98
B6W12T-XX	12	3	65 x 30	0.030	0.434	128
B6G12T-XX	12	3	65 x 30	0.030	0.434	128
B6W12T-XX	12	4	65 x 30	0.030	0.476	160
B6G12T-XX	12	4	65 x 30	0.030	0.476	160
B6W12T-XX	12	5	65 x 30	0.030	0.523	191
B6G12T-XX	12	5	65 x 30	0.030	0.523	191
B6W10T-XX	10	2	105 x 30	0.030	0.467	138
B6G10T-XX	10	2	105 x 30	0.030	0.467	138
B6W10T-XX	10	3	105 x 30	0.030	0.497	184
B6G10T-XX	10	3	105 x 30	0.030	0.497	184
B6W10T-XX	10	4	105 x 30	0.030	0.555	232
B6G10T-XX	10	4	105 x 30	0.030	0.555	232
B6W10T-XX	10	5	105 x 30	0.030	0.616	496
B6G10T-XX	10	5	105 x 30	0.030	0.616	496
B6W84T-XX	8	4	133 x 28	0.045	0.768	386
B6G84T-XX	8	4	133 x 28	0.045	0.768	386
B6G64T-XX	6	4	266 x 30	0.060	0.975	700

EXTRA FLEXIBLE MARINE BATTERY BOAT CABLE

Marine cable meeting UL & ABYC standards

DESCRIPTION

This product was designed to meet or exceed test requirements called for by Underwriters Laboratories and the National Electric Code. It is recommended for use in accordance with UL and CSA for internal wiring. The extra flexible conductors with soft drawn tinned copper meet ASTM Specification B172. It is also suitable for use in transformers, switchboard panels, controls, electronic circuits, and as battery cable, battery charger cable, motor lead, and power hook up cable.

STRANDING

Class K Tinned Copper

STANDARD

UL 1426
UL Listed BC-5W2

INSULATION

This product offers a unique flame retardant polyvinyl chloride compound (VW-1) and is moisture, abrasion, acid, diesel fuel and oil resistant. It is extremely flexible & easy to work with.

VOLTAGE

600/1000 Volts

TEMPERATURE

105°C dry, 75°C wet



COBRA WIRE & CABLE X-FLEX® E NUMBER (UL) BC5W2 OR MTW OR THW OR AWM 1232/1284/1338/10070 600V OR 10269 1000V VW-1 SR AWG SIZE LL NUMBER CSA TEW 105°C 600V OR AWM I A/B 105°C 600V O FT1 RoHS COMPLIANT MADE IN USA (FOR SIZES 1/0 AND LARGER ADD "FOR CT USE")

Cobra Part Number	Size	Stranding	Insulation Thickness	Nominal OD	UL Style	Amps	Cable Weight
	AWG	*	Mils	In	***	**	Lbs/MFT
A2006T	6	266 x 30	0.060	0.342	1232-1283-10269	118	136
A2004T	4	420 x 30	0.060	0.386	1232-1283-10269	157	189
A2002T	2	665 x 30	0.060	0.446	1232-1283-10269	213	292
A2001T	1	836 x 30	0.080	0.520	1232-1284-10269	246	351
A2110T	1/0	1064 x 30	0.080	0.575	1232-1284-10269	291	450
A2120T	2/0	1330 x 30	0.080	0.610	1232-1284-10269	336	551
A2130T	3/0	1665 x 30	0.080	0.685	1232-1284-10269	392	672
A2140T	4/0	2109 x 30	0.080	0.745	1232-1284-10269	454	820

Cable manufactured in accordance with the new Federal EPA Rule, Title 40-part 82, (OCD's)

*Extra flexible conductor with soft drawn tinned copper to ASTM Specifications B172.

**The 105°C cable ampacities are adapted from ICEA P-54-440/NEMA WC51-1986(R1991). The ampacities are provided for informational purposes only. Acceptance of these values by any governing authority is the responsibility of the end user. Ampacities are based on a single conductor, in free air, at 30°C ambient air temperature. 90°C ampacities per NEC 310-17.

***6 thru 2 AWG also UL1337, 1 thru 4/0 also UL 1338, 6 thru 4/0 AWG also UL 10070.

1/0 thru 750MCM "CT" approved

1/0 thru 500MCM FT4 rated

★ SEVERAL
COLORS
AVAILABLE

EXTRA FLEXIBLE BOAT CABLE

EXTRA FLEXIBLE BOAT CABLE

DESCRIPTION

This product was designed to meet the requirements of Underwriters Laboratories. It can be used as internal wiring of electrical and electronic equipment, internal wiring of panels and meters, point to point, etc. Stranding is tin coated copper for corrosion resistance.

STRANDING

Class K Tinned Copper

STANDARD

UL 1015-1230

INSULATION

This product offers a unique flame retardant polyvinyl chloride compound (VW-1), and is moisture, abrasion, acid, diesel fuel and oil resistant. It is extremely flexible and easy to work with.

VOLTAGE

600 Volts

TEMPERATURE

105°C Dry, 75°C Wet



★ MOST COLORS STOCKED, OTHERS AVAILABLE UPON REQUEST

Cobra Part Number	Size	Stranding	Insulation Thickness	Nominal OD	UL Style	Cable Weight
	AWG		In	In		Lbs/MFT
A2018T	18	16 x 30	0.032	0.111	1015-1230	11
A1016T	16	26 x 30	0.032	0.123	1015-1230	15
A1014T	14	41 x 30	0.032	0.141	1015-1230	22
A1012T	12	65 x 30	0.032	0.156	1015-1230	32
A2010T	10	104 x 30	0.032	0.185	1015-1230	46
A2008T	8	133 x 29	0.048	0.261	1028-1231	79

★ The largest electrical cable known to have been installed was an 84 conductor submarine communication cable laid on the ocean floor in the early 1950s for anti-submarine warfare use. It weighed more than 25 pounds per foot and had an outside diameter of 12 inches.



AWG SIZE E NUMBER (UL) MTW OR AWM
1011/1015/1230/1335 600V OR 1032 1000V
MOISURE RESISTANT VW-1 ** CSA TEW 105°C
600V FT1 OR AWM I A/B 105°C 600V FTI



2 CONDUCTOR BONDED MARINE CABLE

RoHS Compliant Marine Cable

DESCRIPTION

This cable is a high-quality electrical cable designed for marine applications. With a temperature rating of 105°C, excellent elongation of 330%, and a tensile strength of 2450 PSI, it offers durability and flexibility. Its specific gravity of 1.32, durometer rating of 91 (A), and oxygen index of 28 enhance its robustness and fire resistance. With a brittle point of -24°C, it remains intact even in extremely cold conditions. Overall, this cable is a reliable choice for marine electrical needs.

STRANDING

Class K Tinned Copper

STANDARD

UL 2474

INSULATION

Durable Polyvinylchloride (PVC) insulation manufactured to make these cables flexible.

TEMPERATURE

105°C



Cobra Part Number	Size	Stranding	Approx. Circular Mill Area	Nominal OD	Basic Specification	Spark Tested	Cable Weight
	AWG						Lbs/MFT
B8010T-XX	10	19 x 0234	10,404	0.175	ASTM B 286	10,000	81.56
B8012T-XX	12	65 x 30	6,500	0.157	ASTM B 174	10,000	55.56
B8014T-XX	14	19 x 27	3,831	0.117	ASTM B 8 ASTM B 286	8,000	31.38
B8016T-XX	16	19 x 29	2,409	0.103	ASTM B 8 ASTM B 286	8,000	21.94
B9018T-XX	18	16 x 30	1,600	0.094	ASTM B 174	8,000	16.16

SPEAKER CORD

European Directive 2015/863 – RoHS 3 Compliant Cable

DESCRIPTION

The cord features insulation made of PVC, providing excellent protection against external interference and enhancing the overall audio quality. Additionally, this product meets the requirements of European Directive 2015/863–RoHS 3 standards. This Speaker Cord is a reliable choice that delivers exceptional sound quality while adhering to strict industry regulations.

STRANDING

Bare Copper / Tinned Copper

INSULATION

Durable Polyvinylchloride (PVC) insulation manufactured to make these cables flexible.



Cobra Part Number	Size	Stranding	Insulation	Insulation Thickness	Style
	AWG			In	
B9182T-CS	18	16 x 30	PVC	0.023	Speaker
B9162TB-CS	16	19 x 29	PVC	0.016	Speaker
B9142TB-CD	14	19 x 27	PVC	0.016	Speaker



SPEAKER CORD

TINNED GPTM WIRE

Meets Chrysler Spec MS-3450 and Ford Spec M1L-56A

DESCRIPTION

Our GPTM Marine Primary Wire comes with a tinned conductor featuring PVC insulation and meeting Chrysler Spec MS-3450 and Ford Spec M1L-56A. GPTM has a maximum temperature of 105 C, come in a variety of colors, and are suitable for use as general circuit wiring in marine applications.

STRANDING

Tinned Copper

REGULATORY COMPLIANCE

REACH, RoHS

INSULATION

Polyvinylchloride (PVC)

TEMPERATURE

105°C

Part Number	Size	Stranding	Insulation Thickness	Nominal OD	Cable Weight
	AWG		Mils	In	Lbs/MFT
GPTM 8 19T	8	19 x 21	0.037	0.215	58.60
GPTM 10 19T	10	19 x 23	0.031	0.173	37.40
GPTM 12 19T	12	19 x 25	0.026	0.141	24.50
GPTM 14 19T	14	19 x 27	0.023	0.117	16.20
GPTM 16 19T	16	19 x 29	0.023	0.103	11.10
GPTM 18 16T	18	16 x 30	0.023	0.092	8.35



Marine GPT SAE J378 and
SAE J1128 105°C _ AWG

ABYC WIRING COLOR CODE

Color	Item	Use
Red	DC Positive Conductor	Positive Mains
Black or Yellow	DC Negative Conductor	Return, Negative Mains
Green or Green w/ Yellow Stripe	DC Grounding Conductor	Bonding System Bonding Wires (if insulated)
Brown	Generator Armature	Generator Armature to Regulator
	Alternator Charge Light	Generator Terminal/Alternator Auxiliary Terminal to Light to Regulator
	Pumps	Fuse or Switch to Lights
Grey	Navigation Lights	Bonding Wires (if insulated)
	Tachometer	Tachometer Sender to Gauge
Orange	Accessory Feed	Ammeter to Alternator or Generator Output and Accessory Fuses or Switches
	Common Feed	Distribution Panel to Accessory Switch
Pink	Fuel Gauge	Fuel Gauge Sender to Gauge
Purple	Ignition	Ignition Switch to Coil & Electrical Instruments
	Instrument Feed	Distribution Panel Electrical Instruments
Brown w/ Yellow Stripe	Bilge Blowers	Positive Mains (particularly unfused)
Yellow w/ Red Stripe	Starting Circuit	Starting Switch to Solenoid
Tan	Water Temperature	Water Temperature Sender to Gauge
Green/Stripe (G/X) (except G/Y)	Tilt Down and/or Trim In	Tilt and/or Trim Circuits



Introducing Heat Shrink Tubing & Plated Lugs!

COPPER LUGS

- Made from seamless tubes of 99.9% copper for high conductivity
- Designed for stranded copper wires
- Rated for 600 volts
- Larger pad are for better contact
- Cable size and stud hole stamped on pad
- Can be crimped or soldered
- Highly controlled flare to allow easy cable insertion
- Tight barrel to pad transition provides longer usable barrel length

cUL listed



FLEXIBLE ADHESIVE LINED HEAT SHRINK TUBING

Shrink Ratio: 3 to 1

A flame retardant tubing (except clear) with an internal layer of thermo-plastic adhesive which provides a barrier against contaminants. Still highly flexible for conforming to irregular shapes.

- Environmental protection for electronic components
- Protection of automobile, marine and truck wire splices and harness breakouts
- Adhesive-lining provides a barrier against contaminants

Stocked Colors: Black, Red & Yellow

Standard Cut Lengths: 48", 12", 6"

Pre-shrink ID: 1/8", 3/16", 1/4", 3/8", 1/2", 3/4", 1"



VALUE-ADDED SERVICES

Our value-added services help make your job easier by making cables easier to identify, faster to install, and tailored to your specific needs. You'll save time and money while avoiding the headaches that come with using stock cables.



CUT & STRIP

Instead of manually cutting each piece of wire from the reel, then removing the insulation from the ends, save time and money by letting us take care of it for you.



INK JET PRINTING

Ink jet printing marks the cable using dots of ink. This makes identification and custom branding easy. Save time in the installation process with proper labeling.



DYEING

A variety of wires can be dyed to help facilitate proper identification of existing or custom installations. We can color match and dye to meet individual specifications.



BRAIDING

Braiding helps add protection to avoid abrasion in harsh environments. Save time by having us braid your wire, cable, or twisted wire.



TWISTING

Twisting wires cuts installation time dramatically by allowing wires to lay together well and making them easier to work with. Letting us handle it saves even more time.



DRUM PACKING

Make your wire easy to store and unroll when needed by having us drum package it. Thousands of feet of wire (depending on gauge) can be stored on a single drum.



TAPING

Allied can add a tape jacket to your cable in order to group individual wires together creating a multi-conductor cable, as well as adding a little extra protection from wear. The end result is similar to extruding, but it is designed to perform better.



STRIPING

Wire striping makes cable identification simple. Your application will stay organized, saving you time locating wires during installation and maintenance.

cobra
WIRE & CABLE
A GCG COMPANY

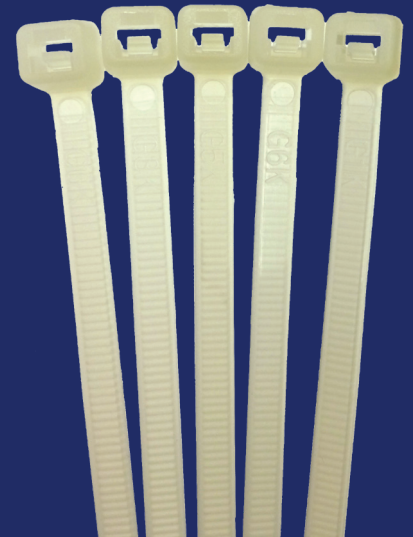


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Collegeville, PA 19426
☎ (215) 674-8773
sales@cobrawire.com

Cobra produces the highest quality and widest variety of FLEXIBLE, UL Style 1426, MARINE BOAT CABLES. Our cables meet or exceed ABYC, UL, and Coast Guard requirements.

www.cobrawire.com

**NEED
CABLE
TIES?**



**NEED
LUGS?**

