



# Marine Cable



**Need Power?  
Think Cobra.**

**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.

# COBRA'S PLEDGE FOR A GREENER TOMORROW

Cobra Wire & Cable pledges to continue to reduce waste, conserve resources and enhance our already strong recycling program. Future generations depend on it.

Cobra Wire & Cable pledges to manage all resources wisely. Future generations depend on it.

Cobra Wire & Cable pledges to make environmental protection and enhancement part of our corporate mission. Future generations depend on it.

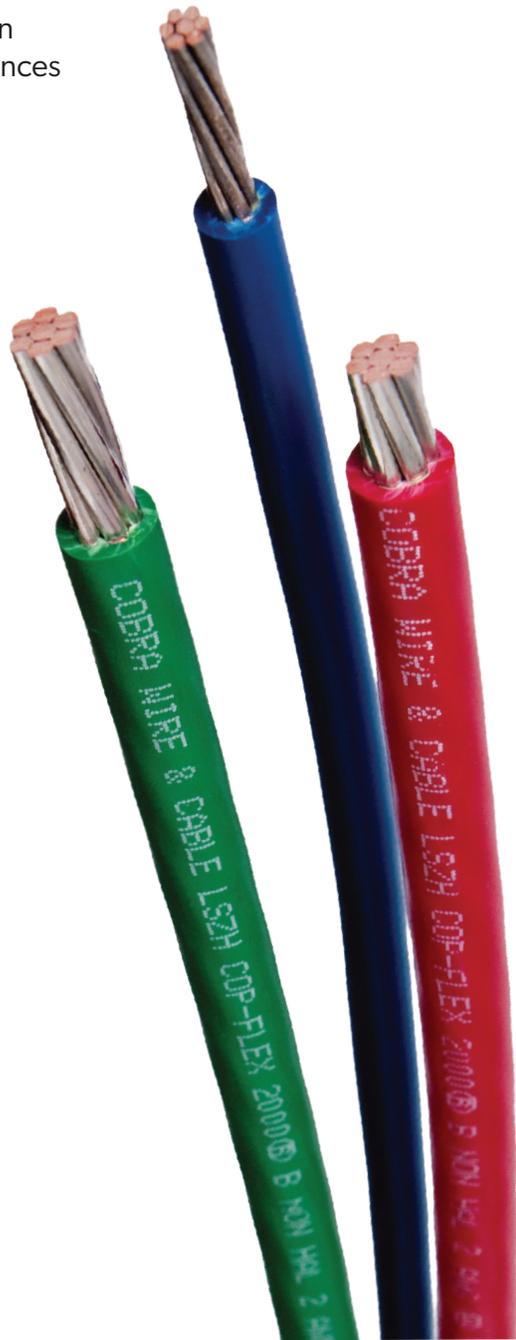
Cobra Wire & Cable pledges to continue our efforts to design wires and cables that reduce and eliminate hazardous substances without compromising the suitability and performance of the product. Future generations depend on it.

Cobra Wire & Cable pledges to proactively move forward to engineer and manufacture cables with low smoke and zero- halogen properties which saves lives and makes for a better tomorrow. Future generations depend on it.

Cobra Wire & Cable pledges to remember that environmental stewardship is no longer a feel good option, but a mandatory obligation.

Future generations depend on it!

Powering your business -  
now and for future generations.



Experience

Reputation

Knowledge

# COBRA WIRE & CABLE 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	
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



on the



# COBRA WIRE & CABLE 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



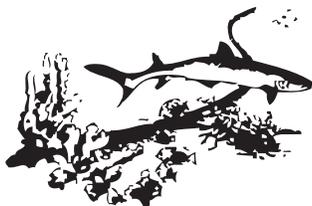
\* MOST COLORS STOCKED, OTHERS AVAILABLE UPON REQUEST

Cobra Part Number	Size	Stranding	Insulation Thickness	Nominal OD	UL Style	Cable Weight
	AWG					
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			In			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



# TINNED GPTM WIRE

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

## DESCRIPTION

Our GPTM Marine Primary Wire comes with a tinned conductor featuring PVC insulation and meeting Chrysler Spec MS-3450 and Ford Spec MIL-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
<b>Red</b>	DC Positive Conductor	Positive Mains
<b>Black or Yellow</b>	DC Negative Conductor	Return, Negative Mains
<b>Green or Green w/ Yellow Stripe</b>	DC Grounding Conductor	Bonding System Bonding Wires (if insulated)
<b>Brown</b>	Generator Armature	Generator Armature to Regulator
	Alternator Charge Light	Generator Terminal/Alternator Auxiliary Terminal to Light to Regulator
	Pumps	Fuse or Switch to Lights
<b>Grey</b>	Navigation Lights	Bonding Wires (if insulated)
	Tachometer	Tachometer Sender to Gauge
<b>Orange</b>	Accessory Feed	Ammeter to Alternator or Generator Output and Accessory Fuses or Switches
	Common Feed	Distribution Panel to Accessory Switch
<b>Pink</b>	Fuel Gauge	Fuel Gauge Sender to Gauge
<b>Purple</b>	Ignition	Ignition Switch to Coil & Electrical Instruments
	Instrument Feed	Distribution Panel Electrical Instruments
<b>Brown w/ Yellow Stripe</b>	Bilge Blowers	Positive Mains (particularly unfused)
<b>Yellow w/ Red Stripe</b>	Starting Circuit	Starting Switch to Solenoid
<b>Tan</b>	Water Temperature	Water Temperature Sender to Gauge
<b>Green/Stripe (G/X) (except G/Y)</b>	Tilt Down and/or Trim In	Tilt and/or Trim Circuits



## THE COBRA ADVANTAGE

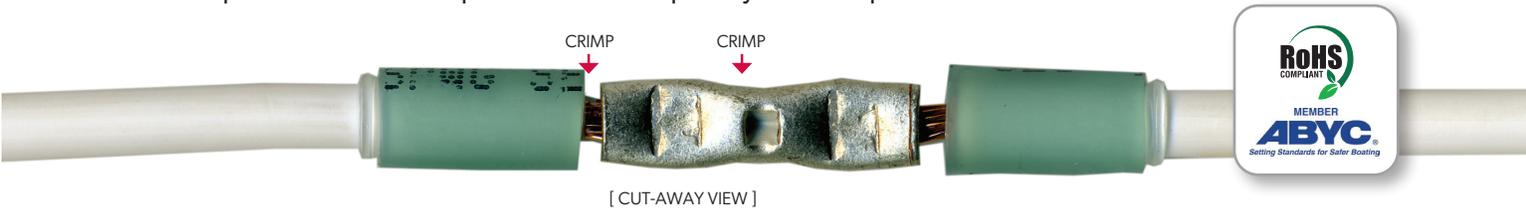
In this day of impersonal communication such as voicemail, e-mail, Facebook, Twitter, etc., many times people simply want to talk to a real person, especially when their job or business is affected. This is the “Cobra Advantage.” Whether you need pricing, stock checks, or technical information, you can call Cobra and talk to a real person who is a dedicated individual with the knowledge and understanding to answer your questions and respond to your needs. If we don’t have an immediate answer to your question, we will find out the answer and call you back in a short, reasonable amount

of time. We don’t consider ourselves “order takers” at Cobra, we consider ourselves problem solvers. Our dedicated team is here to serve you. You tell us what you need, when you need it and where you need it. Cobra Wire & Cable will make it happen or offer an acceptable alternative to accomplish your goals. You will be working with a real person from start to finish, a person who is knowledgeable, qualified and determined to put your needs first. Voicemail, e-mail, Facebook, and tweeting all have their place, but sometimes you need a real person! Call Cobra Wire & Cable and talk to our team.

# Introducing Sealed Crimp Connectors, Heat Shrink Tubing & Plated Lugs!

## SEALED CRIMP CONNECTORS

Our Sealed Crimp Connector product line is the finest line of “crimp-and-seal” connectors on the market today. The use of only the finest components, and an expanded product selection place Sealed Crimp Connectors squarely at the top of the class.



Butt Connectors



3-Way Butt Connectors



Step Down Butt Connectors



Spade Terminals



Ring Terminals



Lug-Style Ring Terminals



Quick Disconnects



# Introducing Sealed Crimp Connectors, 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"





**cobra**  
**WIRE & CABLE**  
A GCG COMPANY

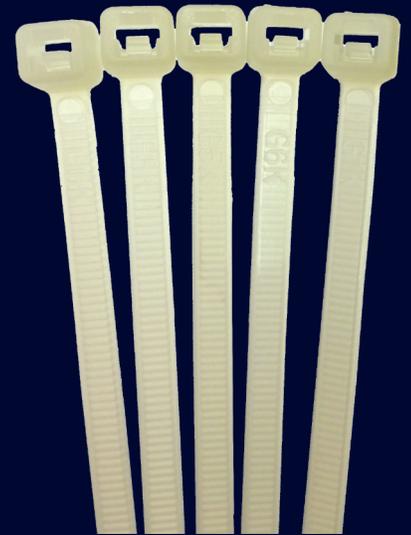


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sales@cobrawire.com

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. Whether your needs are for flat or round marine boat cables, or battery cables, Cobra offers same day shipping in the exact lengths you require.

[www.cobrawire.com](http://www.cobrawire.com)

**NEED  
CABLE  
TIES?**



**NEED  
LUGS?**

