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BUSINESS**

  
**cobra**  
**WIRE & CABLE**  
GENUINE CABLE GROUP


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# QUALITY POLICY

**Cobra Wire & Cable, *Genuine Cable Group***, 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.



**Peter Sheehan**  
President  
Cobra Wire & Cable,  
*Genuine Cable Group*







**MARINE**

Cobra produces a complete line of tinned copper boat cable in both flat and round constructions. Cobra Wire boat cable is available in various jacket colors and inner conductor colors. All material meets or exceeds ABYC, UL, & Coast Guard requirements. All Cobra Wire Marine Boat Cable is RoHS compliant. Cobra Wire also produces a full line of extra flexible tinned copper marine battery cables as well as a complete line of **ABS shipboard cables**.  
**Need Power? Think Cobra!**

**\*NOW ABS TYPE  
APPROVED  
BOAT CABLES**





# COBRA WIRE & CABLE BOAT CABLE®

## **FLAT MULTI CONDUCTOR MARINE 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

▶ 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 WIRE & CABLE BOAT CABLE®

## ROUND MULTI CONDUCTOR MARINE 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 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.

### 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

### STRANDING

Class K Tinned Copper

### 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 MARINE SINGLES

## 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

★ MOST COLORS STOCKED, OTHERS AVAILABLE UPON REQUEST

## 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



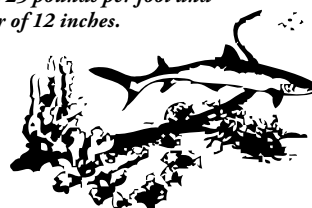
EXTRA FLEXIBLE MARINE SINGLES

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 FTI OR AWM I A/B 105°C 600V FTI





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