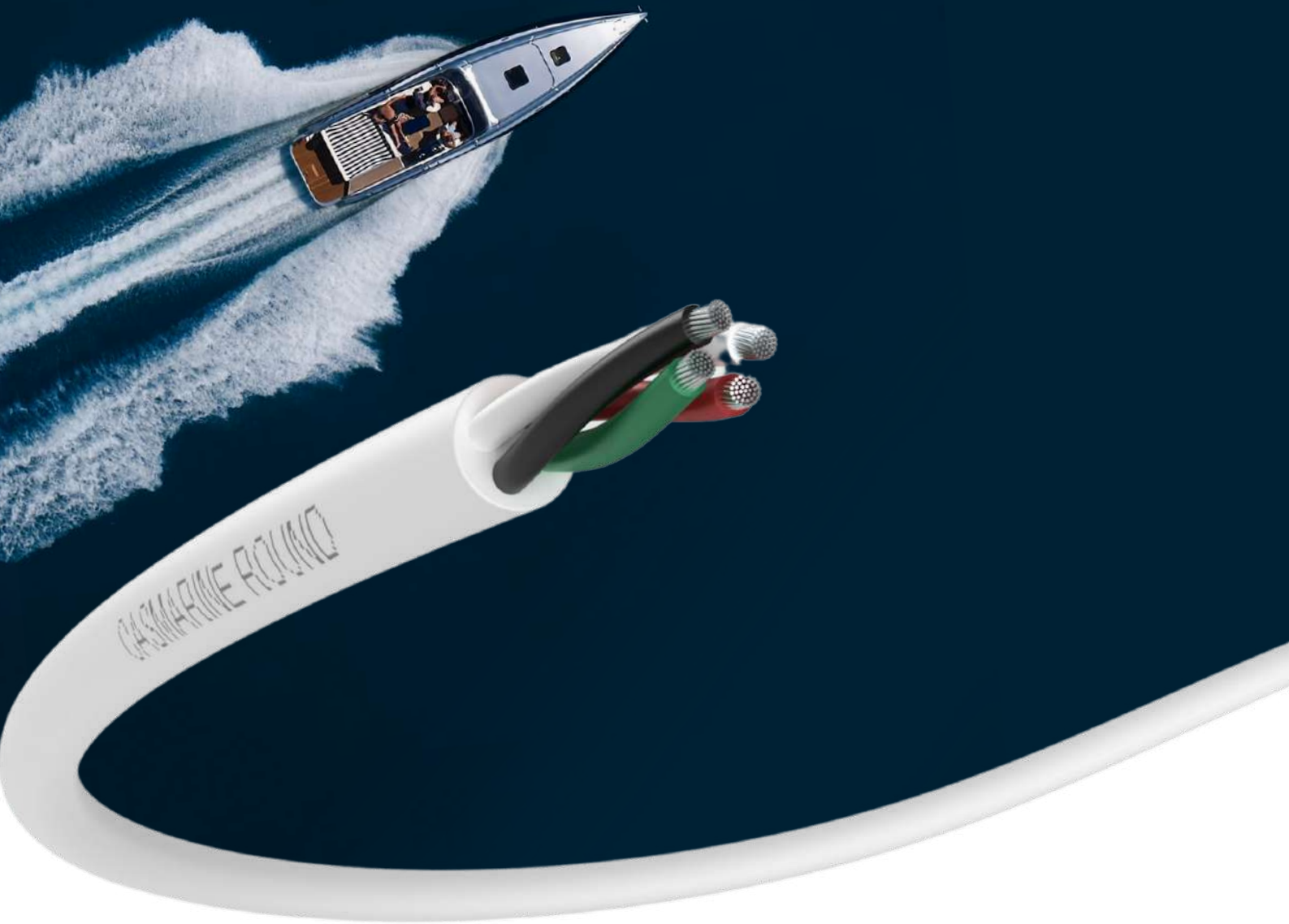


CASMARINE™

Marine Wire & Boat Cable
UL1426 (BC-5W2)



Navigating the vast and demanding marine world requires equipment that is not just robust but exceptionally tailored to withstand the unique challenges of the sea.

At CASMO CABLE, we take immense pride in introducing our flagship lineup of CASMARINE™ Boat Wire and Marine Cable – the definitive standard in marine electrical systems, all carrying the prestigious UL approval and surpass ABYC and US Coast Guard specifications



Combat Corrosion with Confidence:

By using tinned copper, CASMARINE™ Cables are not only conduct electricity efficiently but also stands guard against the corrosive forces of the sea, significantly enhancing the longevity of your electrical systems.

Installation Made Effortless:

CASMARINE™ cables are specifically crafted for easy handling, enabling smooth installation in the tightest of spaces on your vessel, making your setup process as breezy as the ocean wind.

Versatile Cable Profiles:

Choose from round cables for unmatched bending flexibility or opt for our space-saving flat cables designed for snug fits and easy stacking—both crafted to adapt to your vessel's contours.

Rugged and Resilient:

Resist the harsh marine elements with cables that shrug off saltwater, oil, gasoline, and UV rays, and stand strong against abrasion, ensuring your adventures are uninterrupted.

High-Temperature Tolerance:

Withstand extreme conditions with cables rated for 600 volts and temperatures up to 221°F (105°C) dry and 167°F (75°C) wet, keeping your vessel's electrical system reliable in every climate.

Cold Weather Flexibility:

Our cables remain supple and easy to work with, even in cold environments, ensuring consistent performance no matter the weather.



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CAUTION

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CASMARINE™ MC UL

ROUND; DUPLEX; TRIPLEX
105 °C Dry, 75 °C Wet, 60 °C Oil, 600V

Construction

Type: Boat Cable
Core: Tinned copper / Bare copper
Insulation: PVC
Jacket: Tough PVC

Production

Range width: As Requests
Options: Please consult us for any special requirements

General characteristics

Excellent resistant to: acid, alkali, abrasion, flame, gasoline, oil, and moisture



Thermal characteristics

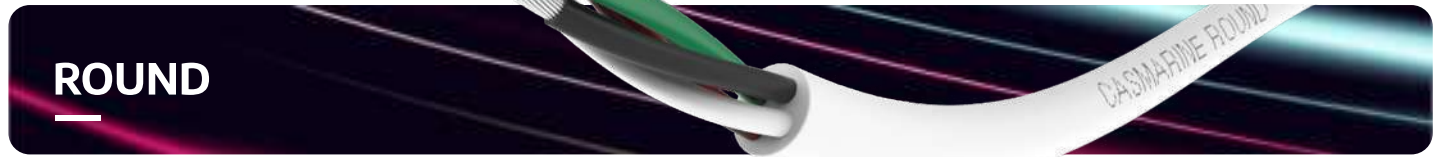
Operating temperature: 105 °C Dry, 75 °C Wet, 60 °C Oil

Electrical characteristics

Operating voltage: 600V
Test voltage: 1500V

Approvals – Standards

Flame rating: VW-1, FT1, FT2
UL 1426 (BC-5W2)
ABYC: E-11.15
Coast Guard: 33 CFR part 183
RoHS Compliant



ROUND

CASMO Part-No.	No. Conductors x AWG	Conductor Stranding		Jacket Thickness		Outer Diameter	
		No. /mm	No. /in	(mm)	(in)	(mm)	(in)
1313010408	4 x 8	7x24x0.254	7x24x0.0100	2.03	0.080	2.1	0.083
1313010210	2 x 10	105/0.254	105/0.0100	0.76	0.030	12.1	0.475
1313010310	3 x 10	105/0.254	105/0.0100	1.14	0.045	13.8	0.545
1313010410	4 x 10	105/0.254	105/0.0100	1.14	0.045	15.2	0.600
1313010212	2 x 12	65/0.254	65/0.0100	0.76	0.030	10.4	0.410
1313011312	3 x 12	65/0.254	65/0.0100	1.14	0.045	11.9	0.470
1313011412	4 x 12	65/0.254	65/0.0100	1.14	0.045	14.2	0.560
1313011214	2 x 14	41/0.254	41/0.0100	0.76	0.030	9.9	0.390
1313010314	3 x 14	41/0.254	41/0.0100	1.14	0.045	10.4	0.410
1313010414	4 x 14	41/0.254	41/0.0100	1.14	0.045	11.8	0.465
1313010614	6 x 14	41/0.254	41/0.0100	1.14	0.045	13.5	0.530
1313010216	2 x 16	26/0.254	26/0.0100	0.76	0.030	8.9	0.350
1313010316	3 x 16	26/0.254	26/0.0100	1.14	0.045	10.0	0.395
1313010416	4 x 16	26/0.254	26/0.0100	1.14	0.045	10.7	0.420
1313010616	6 x 16	26/0.254	26/0.0100	1.14	0.045	11.6	0.455



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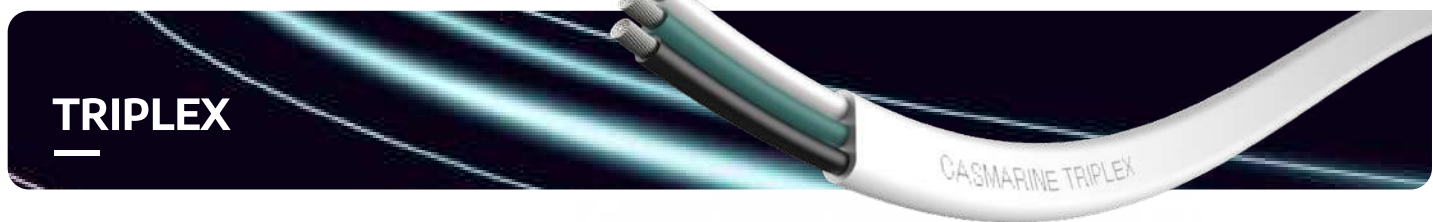
CASMARINE™ MC UL

ROUND; DUPLEX; TRIPLEX
105 °C Dry, 75 °C Wet, 60 °C Oil, 600V



DUPLEX

CASMO Part-No.	No. Conductors x AWG	Conductor Stranding		Jacket Thickness		Outer Diameter	
		No./mm	No./in	(mm)	(in)	(mm)	(in)
1313020206	2 x 6	7x38x0.254	7x38x0.0100	1.14	0.045	11.43 x 20.32	0.450 x 0.800
1313020208	2 x 8	7x24/0.254	7x24/0.0100	1.02	0.040	8.89 x 16.00	0.350 x 0.630
1313020210	2 x 10	105/0.254	105/0.0100	0.89	0.035	6.73 x 11.56	0.265 x 0.455
1313020212	2 x 12	65/0.254	65/0.0100	0.89	0.035	6.45 x 10.41	0.254 x 0.410
1313020214	2 x 14	41/0.254	41/0.0100	0.89	0.035	5.72 x 9.40	0.225 x 0.370
1313020216	2 x 16	26/0.254	26/0.0100	0.89	0.035	5.08 x 8.38	0.200 x 0.330
1313020218	2 x 18	16/0.254	16/0.0100	0.89	0.035	4.70 x 7.62	0.185 x 0.300



TRIPLEX

CASMO Part-No.	No. Conductors x AWG	Conductor Stranding		Jacket Thickness		Outer Diameter	
		No./mm	No./in	(mm)	(in)	(mm)	(in)
1313030306	3 x 6	7x38x0.254	7x38x0.0100	1.14	0.045	11.43 x 28.96	0.450 x 1.140
1313030308	3 x 8	7x24/0.254	7x24/0.0100	1.14	0.045	9.53 x 23.62	0.375 x 0.930
1313030310	3 x 10	105/0.254	105/0.0100	0.76	0.030	6.73 x 16.64	0.265 x 0.655
1313030312	3 x 12	65/0.254	65/0.0100	0.76	0.030	5.84 x 14.22	0.230 x 0.560
1313030314	3 x 14	41/0.254	41/0.0100	0.76	0.030	5.33 x 12.83	0.210 x 0.505
1313030316	3 x 16	26/0.254	26/0.0100	0.76	0.030	5.08 x 11.81	0.200 x 0.465



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CASMARINE™ UL-approved marine cable and boat wire are crafted for a multitude of applications within the marine industry where safety, reliability, and adherence to stringent standards are non-negotiable. Here are various applications where our marine cables and wires excel:



Recreational Boating:

For enthusiasts and weekend sailors, our cables are ideal for wiring power and lighting systems, audio and navigational equipment, and other electronics in all types of recreational boats, from small fishing boats to luxury yachts.



Maritime Construction:

CASMARINE™ cables are used in the construction and maintenance of docks, marinas, and offshore platforms, ensuring that electrical systems remain operational in wet and corrosive environments.

Offshore Oil and Gas Rigs:

In the demanding environment of offshore drilling, our cables provide power and control for drilling operations, processing equipment, and safety systems that must perform flawlessly in hazardous conditions.

Aquaculture:

With the rise of aquaculture, our marine cables are essential for powering and automating feeding systems, monitoring equipment, and maintaining ideal conditions for marine life cultivation.



Underwater Research and Exploration:

Submersibles and remotely operated vehicles (ROVs) utilize our robust cables for transmitting power and data between the surface and the equipment exploring the ocean depths.



Renewable Energy Installations:

Marine-grade cables are crucial in wind farms and tidal power installations, where they endure the rigors of the marine environment while delivering energy efficiently.

Marine Entertainment Systems:

High-end audio and video systems on boats require quality cabling to ensure clear signals and performance, and CASMARINE™ cables are the preferred choice for such luxury installations.



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