



● Introduction

Marine Control Cables are specialized cables designed for control and instrumentation purposes in marine environments. These cables are used to transmit control signals and data in ships, offshore platforms, and other maritime structures. They are engineered to withstand the harsh conditions typical of marine settings, including exposure to saltwater, oil, vibrations, and extreme temperatures.

● Application

Suitable for the general control device of various aquatic buildings such as warships, river and sea ships and offshore oil platforms.

● Construction

1. Conductor: copper wire or tinned copper wire
2. Insulation: XLPE or EPR  
XLPE provides high-temperature resistance, good electrical properties, and mechanical strength.  
EPR offers excellent flexibility, good electrical insulation properties, and resistance to moisture and chemicals.
3. Filler
4. Binder tape
5. Shielding: copper wire braid shielding, or copper-plastic composite tape shielding, or aluminum-plastic composite tape shield
6. Outer sheath: PVC, or PE, or XLPO, or chloroprene rubber

● Specification

- IEC60092-376, IEC60092-360
- Flame Retardant: According to IEC 60332-1 & IEC 60332-3-24 or IEC 60332-3-22
- Fire Resistant: According to IEC 60331
- Low Smoke Emission: According to IEC 61034-1 and -2
- Halogen Free: According to IEC60754-1 and -2

● Eastful Cable Lab



We have CNAS Accredited Facility to assure conformity assessment services with a focus on quality, expertise, and customer satisfaction. CNAS has international mutual recognition among IAF, ILAC, APLAC and PAC.

● Accreditation

We meet the requirements of ISO9001, ISO14001, ISO45001 and ISO50001 and our cables have certificate of CCC, RoHS, CASC, UL, cUL, TÜV Rheinland and CCS.



● National Green Factory



Our facility has been awarded of National Green Factory by Ministry of Industry and Information Technology of China. We are committed to the development of high-end, intelligent and green manufacturing industry.

\*The overall energy consumption level of green factories is better than the energy efficiency benchmark level.

- Technical Parameters

Nominal Cross Section Area of Conductor	No. of Cores	Insulation Thickness			
		300/500V		0.6/1kV	
		XLPE	EPR	XLPE	EPR
mm <sup>2</sup>	-	mm	mm	mm	mm
0.35	2 cores to 61 cores	0.4	0.6	0.5	0.7
0.5		0.4	0.6	0.6	0.8
0.75		0.5	0.7	0.6	0.8
1		0.5	0.7	0.7	1.0
1.5		0.6	0.8	0.7	1.0
2.5		0.6	0.8	0.7	1.0
4		--	--	0.7	1.0
6		--	--	0.7	1.0