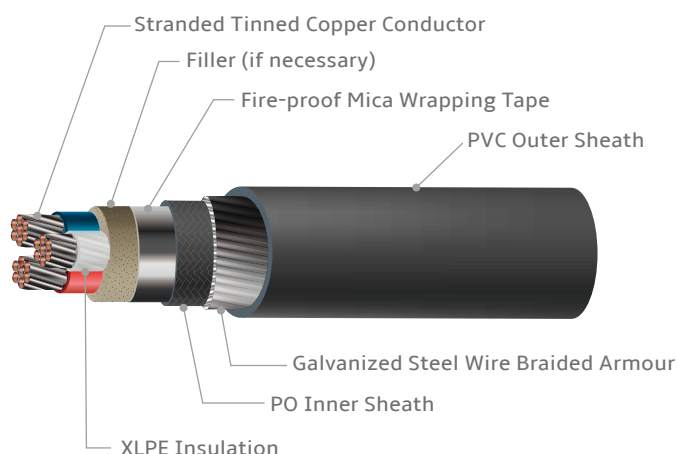


# MARINE POWER CABLE

PRODUCT DATA SHEET

# MARINE POWER CABLE

Marine cable is a special electric cable normally made with a stranded copper conductor, multiple protective layers and a PVC jacket. Its copper conductor usually possess a tin coating which reduces corrosion and prevents electrical failure. The cable has cross-linked polyethylen (PE) shield resistant to sun, flames and oil. This kind of cable is able to achieve and maintain high performance in harsh conditions of heat, cold, humidity, vibration and salt corrosion, etc.



## PRACTICAL APPLICATION

Our marine power cable is employed for electrical connections in marine applications, which may have a high temperature range up to 105°C. It is intended for fixed installation on offshore platform and oil drilling rigs.

## SPECIFICATIONS

Cross Section	Strand Qty	Conductor Diameter	Insulation Thickness	Inner Sheath Thickness	Armour Wire Dia.	Outer Sheath Thickness	Overall Diameter	D.C. Resistance (@ 20°C)	Net Weight
1.5 mm <sup>2</sup>	7	1.7 mm	0.7 mm	1.1 mm	0.3 mm	0.9 mm	13.4 mm	12.1 Ω/km	270 g/m
2.5 mm <sup>2</sup>	7	2.1 mm	0.7 mm	1.1 mm	0.3 mm	0.9 mm	14.5 mm	7.41 Ω/km	320 g/m
4 mm <sup>2</sup>	7	2.7 mm	0.7 mm	1.2 mm	0.3 mm	0.9 mm	15.8 mm	4.61 Ω/km	400 g/m
6 mm <sup>2</sup>	7	3.3 mm	0.7 mm	1.2 mm	0.3 mm	1 mm	17.1 mm	3.08 Ω/km	490 g/m
10 mm <sup>2</sup>	7	4.2 mm	0.7 mm	1.3 mm	0.3 mm	1 mm	19.4 mm	1.83 Ω/km	680 g/m
16 mm <sup>2</sup>	7	5.3 mm	0.7 mm	1.4 mm	0.3 mm	1.1 mm	22 mm	1.15 Ω/km	920 g/m





## Industrial Corrosion Control Solutions Provider

Established in 2003, YUXI has over a 20-year heritage of innovation in corrosion control science and technology. We're a spirited team of ambitious thinkers and pioneer sheep with a common goal in mind: protect our clients' assets from corrosion with cost-saving measures.

We have the most comprehensive catalog of cathodic protection materials including anodes, transformer rectifiers, backfills, coatings, etc. Our anodes and supplies are manufactured to strict quality standards through an ISO 9001 quality management system and are guaranteed to offer excellent performance in the industry.



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