

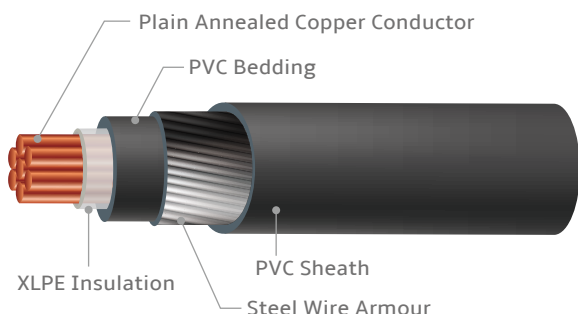


# XLPE/PVC ARMOURED POWER CABLE

PRODUCT DATA SHEET

# XLPE/PVC ARMoured POWER CABLE

This electrical cable is composed of plain annealed copper conductor insulated with XLPE, then is covered with PVC bedding, steel wire armoured layer and outermost PVC sheath. The thermosetting XLPE insulation layer provides excellent dielectric strength and corrosion resistance at high temperatures. And the extra metallic armour features a robust construction, offering exceptional protection against damage by external physical impact or chemical gases corrosion. Our armoured cables allow a continuous flow of electricity to be carried in the toughest conditions that require the most durable wiring, providing enhanced reliability and performance.



## PRACTICAL APPLICATION

This armoured cable is perfect for use in industrial heavy duty applications, both indoors and outdoors. It is an optimum choice for areas that are easy to suffer from mechanical damage and extremely susceptible to erosion. It is more suitable for direct burial laying in rocky areas, or to be installed in air, clipped to surface, embedded in concrete, and in ducting underground.

## SPECIFICATIONS

Cross Section	Strand Size	Conductor Diameter	Insulation Thickness	Bedding Thickness	Armour Wire Dia.	Sheath Thickness	Overall Diameter	D.C. Resistance (@ 20°C)	Current Rating	Net Weight
6 mm <sup>2</sup>	7x1.05 mm	3.1 mm	0.7 mm	0.8 mm	0.9 mm	1.5 mm	11 mm	3.08 Ω/km	30 A	285 g/m
10 mm <sup>2</sup>	7x1.35 mm	4 mm	0.7 mm	0.8 mm	0.9 mm	1.5 mm	11.9 mm	1.83 Ω/km	42 A	355 g/m
16 mm <sup>2</sup>	7x1.72 mm	5.1 mm	0.7 mm	0.8 mm	0.9 mm	1.5 mm	12.9 mm	1.15 Ω/km	56 A	435 g/m
25 mm <sup>2</sup>	7x2.14 mm	6.4 mm	0.9 mm	0.8 mm	0.9 mm	1.5 mm	14.7 mm	0.73 Ω/km	73 A	585 g/m
35 mm <sup>2</sup>	7x2.52 mm	7.5 mm	0.9 mm	0.8 mm	0.9 mm	1.5 mm	15.8 mm	0.52 Ω/km	90 A	685 g/m
50 mm <sup>2</sup>	7x2.98 mm	8.3 mm	1 mm	0.8 mm	0.9 mm	1.5 mm	17.3 mm	0.39 Ω/km	145 A	835 g/m
70 mm <sup>2</sup>	14x2.58 mm	10.1 mm	1.1 mm	0.8 mm	1.25 mm	1.5 mm	20 mm	0.27 Ω/km	185 A	1080 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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