



Armoured Cable

The quality of the cable is extremely important for the efficiency of cathodic protection system, especially the anode cables. Commonly use cathodic protection cables are PVDF/HMWPE, XLPE/PVC, THHN, HMWPE etc. Cables used for cathodic protection systems must be highly corrosion resistant and capable of withstanding adverse environments to which they are exposed.

Armoured cable typically refers to a special type of cable that' s also known as SWA cable or steel wire armoured (SWA) cable. YUXI typical armoured cable is XLPE/PVC/SWA/PVC which is composed of copper wire covered by cross linked polyethylene (XLPE), PVC bedding, galvanised steel wire armouring and PVC jacket.

These are specially-built, hardy power cables protective layer can be added to any structure of the cable to increase the mechanical strength of the cable and improve the erosion resistance. In addition, the purpose of adding armour layer to the cable is to enhance the tensile strength, compressive strength, etc., which can protect the cable and prolong its service life.

Office: +86(574)8388 2233

Dongxi, Xinqiao, Xiangshan
Ningbo 315725, P.R.China

info@yuxi-anode.com

www.yuxi-anode.com

Suitable for outdoor fixed installations when it is necessary to protect the cable against mechanical aggression or against rodents threat. Can be laid in free air, installed in ducts or directly buried. Excellent mechanical protection during laying, installation and service.

FEATURES

- ▶ High resistance to sudden mechanical stress
- ▶ High resistant to abrasion and break
- ▶ High resistant to most organic substances
- ▶ Excellent fire resistance

SPECIFICATIONS

Size	Strands	Insulation/ Bedding Thickness	Steel Wire Diameter	Jacket Thickness	Nominal Overall Diameter	DC at 20°C	Approx. shipping Weight	Maximum Current Rating
mm ²	No.	mm	mm	mm	mm	Ohm/ km	Kg/km	Amps.
6	7	0.7/0.8	0.9	1.5	11.0	3.08	285	30
10	7	0.7/0.8	0.9	1.5	11.9	1.83	355	42
16	7	0.7/0.8	0.9	1.5	12.9	1.15	435	56
25	7	0.9/0.8	0.9	1.5	14.7	0.727	585	73
35	7	0.9/0.8	0.9	1.5	15.8	0.524	685	90
50	19	1.0/0.8	0.9	1.5	17.3	0.387	835	145
70	19	1.1/0.8	1.25	1.5	20.0	0.268	1080	185