

CABLE

XLPE/PVC/SWA/PVC TYPE

BAC Corrosion Control Ltd supply a wide range of cables for Cathodic Protection systems.

We can advise you on the correct cable to use for your application and can cater for minimum order quantities, custom markings and insulation colour as required.

Our standard range of XLPE/PVC/SWA/PVC Cables are detailed as follows :



Conductor Size mm ²	Number of Strands	Diameter of Conductor (mm)	Nom. O.D. (mm)	Approx Nett Weight (kg/km)
16	7	5.1	13.5	435
25	7	6.4	15.3	575
35	7	7.7	17.4	805
50	7	8.9	19.1	1010
70	19	10.7	21.1	1210
95	19	12.6	23.4	1620
120	19	14.2	26.3	2100

- **Insulation:** XLPE (Cross Linked Polyethylene) - Cross-linked polyethylene is a compound form of PE, which enhances the mechanical stability
- **Bedding:** Extruded PVC - is available in many compound forms but those used in cable manufacture are plasticized to allow extrusion techniques and subsequent flexibility. It has good ageing and mechanical properties.
- **Armour:** Galvanised Steel Wire Armour - Steel wire stands between the layers of insulation for protection against mechanical damage.
- **Sheath:** PVC Black - is available in many compound forms but those used in cable manufacture are plasticized to allow extrusion techniques and subsequent flexibility. It has good ageing and mechanical properties.
- **Conductor:** Stranded or Solid Plain Annealed Copper.
- **Application:** Designed for use in cathodic protection systems. These cables are provided with mechanical protection are therefore suitable for external use and direct burial.
- **Technical Data:** Voltage: 600/1000V,
- **Temperature range:** -40 oC to +90 oC
- **Relevant Standards:** Conductor: To BS6360, Sheath: To BS6746 Type G

DATASHEET

1.32

CABLE



BAC[®]

CORROSION CONTROL

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