

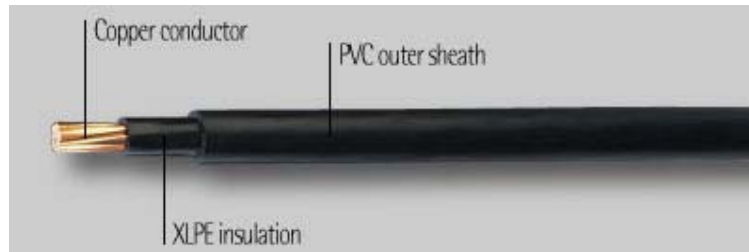


CORROSION CONTROL

## Technical Datasheet

### SINGLE CORE CABLE – XLPE/PVC

- **Insulation:** XLPE (Cross Linked Polyethylene) - Cross-linked polyethylene is a compound form of PE, which enhances the mechanical stability
- **Sheath:** 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. Can be supplied in Black or Red.
- **Conductor:** Stranded or Solid Plain Annealed Copper.
- **Application:** Designed for use in cathodic protection systems. These cables are provided with PVC sheath for protection and are therefore suitable for external use and direct burial.
- **Technical Data:** Voltage: 600/1000V,  
Temperature range: -20 °C to +70 °C
- **Relevant Standards:** Conductor: To BS6360 up to 35 mm<sup>2</sup>  
To BS6346 above 50 mm<sup>2</sup>  
Meets IEC 502



#### Sizes and Dimensions

All sizes and dimensions are approximate and for information only. BAC will confirm actual dimensions at time of order if required:

Conductor Size (mm <sup>2</sup> )	Number of Strands	Nom. O.D. (mm)	Approx. Nett Weight (kg/km)
6	7	6.7	99
10	7	8.0	155
16	7	9.1	225
25	7	11.2	340
35	19	12.4	445
50	19	14.7	595
70	19	16.5	810
95	19	19.0	1110
120	37	20.6	1340