

Product Overview

XLPE/PVC cables are designed for efficient and long-lasting performance in cathodic protection applications. Constructed with a cross-linked polyethylene (XLPE) insulation and a polyvinyl chloride (PVC) outer jacket, these cables provide excellent electrical properties, high dielectric strength, and resistance to moisture, abrasion, and chemicals.

The XLPE insulation ensures superior thermal stability and low dielectric loss, while the PVC jacket enhances mechanical durability and environmental protection. These cables are widely used in underground and marine cathodic protection systems, delivering consistent current flow to anodes while withstanding harsh operating conditions.



Description

Specifications

Conductor	Annealed circular stranded or compact copper wires
Insulation	Cross-linked polyethylene, XLPE in accordance with
Armour	Double galvanised steel tape
Sheath	Halogen-free compound ST8
Operating Characteristics	
Rated Voltage	0,6 / 1 kV
AC Test Voltage	3,5kV
Operating Temperature	-20°C - +90°C
Conductor Short-Circuit Temp.	250°C (Max. 5sec.)

Cross Section Options (mm ²)	Nominal Overall Diameter (mm)	Approx. Weight (kg/km)	Min. Bending Radius	Max. Resistance of Conductors at 20°C (ohm/km)
1x6	10,6	214	12xOD	3,08
1x10	11,4	268	12xOD	1,83
1x16	12,3	338	12xOD	1,15
1x25	13,9	461	12xOD	0,727
1x35	15,0	574	12xOD	0,524



TEST POST

Cathodic Protection Test Post
