



TECHNICAL DATA SHEET

Cu/XLPE/SWA/PVC			
1.	Type of Cable		Item
1.1	Cross-section	mm ²	4x6
1.2	Designation voltage U0/U	(kV)	0,6/1
1.3	Standard No		BS 5467
1.4	International Code		Cu/XLPE/SWA/PVC
2.	Conductor		
2.1	Standard No		BS 6360
2.2	Conductor material		Copper
2.3	Conductor construction		Circular stranded conductor
2.4	Nominal cross-sectional area	(mm ²)	6
2.5	Number and nominal diameter of wires	(mm)	7x1,03
2.6	Diameter of conductor	(mm)	3.15
2.7	Maximum D.C. resistance at 20 °C	(ohm/km)	3.08
2.8	Maximum operating temperature	(°C)	90
2.9	Short-circuit temperature	(°C)	250
3.	Insulation		
3.1	Type		GP8
3.2	Material		XLPE
3.3	Nominal thickness	(mm)	0.7
4.	Bedding		
4.1	Type		PVC
4.2	Material		PVC
4.3	Nominal thickness	(mm)	0.8
5.	Armour		
5.1	Material		Galvanized round steel wires
5.2	Nominal thickness	(mm)	0.9
6	Outer sheath		
6.1	Type		TYPE9
6.2	Material		PVC
6.3	Nominal thickness	(mm)	1.5
7	General		
7.1	Overall Diameter of Cable	(mm)	18.1
7.2	Weight of cable approx.	(kg/km)	766
7.3	Permissible bending radius	(mm)	6 x D
7.4	Current Carrying Capacity on air	(A)	59
	Current Carrying Capacity on earth	(A)	69
8	Drum		
8.1	Type	(cm)	120
8.2	Weight of empty drum	(kg)	90
8.3	Reel Diameter	(mm)	540
8.4	Flange Diameter	(mm)	1200
8.5	Width	(mm)	800
8.6	Gross weight of drum with cable approx.	(kg)	856
8.7	Length of cable per drum	(m)	1000