



TECHNICAL DATA SHEET

Cu/XLPE/LSF/SWA/LSF

1.		Type of Cable	Item
1.1	Cross-section	mm ²	5x16
1.2	Designation voltage	U0/U (kV)	0,6/1
1.3	Standard No		BS 6724
1.4	International Code		Cu/XLPE/LSF/SWA/LSF
2.		Conductor	
2.1	Standard No		BS:EN60228:2005
2.2	Conductor material		Copper
2.3	Conductor construction		Circular compacted conductor
2.4	Nominal cross-sectional area	(mm ²)	16
2.5	Number and nominal diameter of wires	(mm)	7x1,74
2.6	Diameter of conductor	(mm)	4.8
2.7	Maximum D.C. resistance at 20 °C	(ohm/km)	1.15
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		LTS 1
4.2	Material		LSF
4.3	Nominal thickness	(mm)	1
5.		Armour	
5.1	Material		Galvanized round steel wires
5.2	Nominal thickness	(mm)	1.6
6		Outer sheath	
6.1	Type		LTS 1
6.2	Material		LSF
6.3	Nominal thickness	(mm)	1.7
7		General	
7.1	Overall Diameter of Cable	(mm)	25.3
7.2	Weight of cable approx.	(kg/km)	1685
7.3	Permissible bending radius	(mm)	8 x D
7.4	Current Carrying Capacity on air	(A)	107
	Current Carrying Capacity on earth	(A)	119
8		Drum	
8.1	Type	(cm)	140
8.2	Weight of empty drum	(kg)	115
8.3	Reel Diameter	(mm)	680
8.4	Flange Diameter	(mm)	1400
8.5	Width	(mm)	800
8.6	Gross weight of drum with cable approx.	(kg)	1800
8.7	Length of cable per drum	(m)	1000