PAMUKKALE KABLO
Wire & Cable

TECHNICAL DATA SHEET

Cu/XLPE/LSF/SWA/LSF

1.	**Type of Cable**			**Item**
1.1	Cross-section		mm²	**5x10**
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		(mm²)	10
2.5	Number and nominal diameter of wires		(mm)	7x1,37
2.6	Diameter of conductor		(mm)	3.8
2.7	Maximum D.C. resistance at 20 °C		(ohm/km)	1.83
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)	0.8
5.	**Armour**			
5.1	Material			Galvanized round steel wires
5.2	Nominal thickness		(mm)	1.25
6	**Outer sheath**			
6.1	Type			LTS 1
6.2	Material			LSF
6.3	Nominal thickness		(mm)	1.6
7	**General**			
7.1	Overall Diameter of Cable		(mm)	21.3
7.2	Weight of cable approx.		(kg/km)	1120
7.3	Permissible bending radius		(mm)	8 x D
7.4	Current Carrying Capacity on air		(A)	82
	Current Carrying Capacity on earth		(A)	92
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)	700
8.6	Gross weight of drum with cable approx.		(kg)	1210
8.7	Length of cable per drum		(m)	1000