



# PAMUKKALE KABLO

## Wire & Cable

### TECHNICAL DATA SHEET

<b>Cu/XLPE/LSF/SWA/LSF</b>				
<b>1.</b>	<b>Type of Cable</b>			<b>Item</b>
1.1	Cross-section		mm <sup>2</sup>	<b>4x185</b>
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
<b>2.</b>	<b>Conductor</b>			
2.1	Standard No			BS:EN60228
2.2	Conductor material			Copper
2.3	Conductor construction			shaped conductor
2.4	Nominal cross-sectional area		(mm <sup>2</sup> )	185
2.5	Number and nominal diameter of wires		(mm)	36x2,61
2.6	Diameter of conductor		(mm)	
2.7	Maximum D.C. resistance at 20 °C		(ohm/km)	0.0991
2.8	Maximum operating temperature		(°C)	90
2.9	Short-circuit temperature		(°C)	250
<b>3.</b>	<b>Insulation</b>			
3.1	Type			GP8
3.2	Material			XLPE
3.3	Nominal thickness		(mm)	1.6
<b>4.</b>	<b>Laying Up</b>			
4.1	Construction			4 Unilay
4.2	Direction			Right hand
<b>5.</b>	<b>Bedding</b>			
5.1	Type			LTS 1
5.2	Material			LSF
5.3	Nominal thickness		(mm)	1.40
<b>6.</b>	<b>Armour</b>			
6.1	Material			Galvanized round steel wires
6.2	Nominal diameter of wires		(mm)	2.5
<b>7.</b>	<b>Outer sheath</b>			
7.1	Type			LTS 1
7.2	Material			LSF
7.3	Nominal thickness		(mm)	2.6
<b>8.</b>	<b>Voltage Test Finished cable</b>			
8.1	Test Voltage		(kV)	3,5 AC
<b>9.</b>	<b>General</b>			
9.1	Overall Diameter of Cable		(mm)	53.13
9.2	Weight of cable approx.		(kg/km)	9836
9.3	Permissible bending radius		(mm)	8 x D
9.4	Current Carrying Capacity on air		(A)	495
	Current Carrying Capacity on earth		(A)	458

<b>10.</b>	<b>Drum</b>		
10.1	Type	(cm)	200
10.2	Weight of empty drum	(kg)	350
10.3	Reel Diameter	(mm)	960
10.4	Flange Diameter	(mm)	2000
10.5	Width	(mm)	1120
10.6	Gross weight of drum with cable approx.	(kg)	5268
10.7	Length of cable per drum	(m)	500