



Integrated Management System

Doc. No: EYS-TO-01

First Publishing Date:
26.06.2014

Rev. Date:-

Rev No: 00

Page No: 1/2

TECHNICAL SPECIFICATION of 3x120+70+16 (HDPE)

TECHNICAL SPECIFICATIONS	UNIT	3x120+70+16 (HDPE)
Standart Use		KED/4/2006-rev. 2008, Manf. Spec.
PHASE CONDUCTOR		
Material		1370 EC Aluminium
Number of Al Wires		19
Compacted Diameter	mm	12,3-13,5
Insulation Thickness	mm	1,4
Overall diameter of finished cable	mm	15,1-16,3
Unit Weight of Al (compacted)	kg/km	329
Unit Weight of Insulation	kg/km	58,7
Overall Weight per Km of Cable	kg/km	387,7
Insulation Material		HDPE
Max. DC Resistance at 20°C	Ohms/km	0,253
MESSENGER		
Material		AAAC 6101
Number of Al Alloy Wires		7
Compacted Diameter	mm	9,30-10,20
Insulation Thickness	mm	1,0
Overall diameter of finished cable	mm	11,3-12,20
Unit Weight of Al alloy (compacted)	kg/km	185
Unit Weight of Insulation	kg/km	31,6
Overall Weight per Km of Cable	kg/km	216,6
Insulation Material		HDPE
PUBLIC LIGHTING		
Material		1370 EC Aluminium
Number of Al Wires		1
Diameter of Wire	mm	4,5
Insulation Thickness	mm	1
Overall diameter of finished cable	mm	6,5
Unit Weight of Al	kg/km	43
Unit Weight of Insulation	kg/km	16,6
Overall Weight per Km of Cable	kg/km	59,6
Insulation Material		HDPE

Max. DC Resistance at 20°C	Ohms/km	1,91
Reel Type		Non Returnable Wooden
Total Unit Weight	Kg/km	1454

Identification: Ribs will be applied to the phase conductors and neutral messenger.

1st phase: 2 ribs

2nd phase: 3 ribs

3rd phase: 4 ribs

Neutral Messenger: 1 rib

Prepared By	Approved By
Hicran TECER Quality Assurance Manager	Kenan ÖZDEMİR Deputy General Manager