



Integrated Management System

Doc. No: EYS-TO-07

First Publishing Date:
26.06.2014

Rev. Date:-

Rev No: 00

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

TECHNICAL SPECIFICATIONS	UNIT	3x120+70+16 (XLPE)
Standart Use		EN 60228, 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	56,25
Overall Weight per Km of Cable	kg/km	385,25
Insulation Material		XLPE
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	30,28
Overall Weight per Km of Cable	kg/km	215,28
Insulation Material		XLPE
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	15,9
Overall Weight per Km of Cable	kg/km	58,9
Insulation Material		XLPE

Max. DC Resistance at 20°C	Ohms/km	1,91
Reel Type		Non Returnable Wooden
Total Unit Weight	Kg/km	1444

Identification: Colored three straight stripes with 120 degree will be applied to the phase conductors

1st phase: red

2nd phase: blue

3rd phase: white

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