



## Integrated Management System

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### TECHNICAL SPECIFICATION of **3x95+70+16** (XLPE)

TECHNICAL SPECIFICATIONS	UNIT	3x95+70+16 (XLPE)
Standart Use		EN 60228, Manf. Spec.
<b>PHASE CONDUCTOR</b>		
Material		1370 EC Aluminium
Number of Al Wires		19
Compacted Diameter	mm	11,00-12,00
Insulation Thickness	mm	1,4
Overall diameter of finished cable	mm	13,8-14,8
Unit Weight of Al (compacted)	kg/km	261
Unit Weight of Insulation	kg/km	52,3
Overall Weight per Km of Cable	kg/km	313,3
Insulation Material		XLPE
Max. DC Resistance at 20°C	Ohms/km	0,320
<b>MESSENGER</b>		
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
<b>PUBLIC LIGHTING</b>		
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

Rated Strength	N	1900
Max. DC Resistance at 20°C	Ohms/km	1,91
<b>Reel Type</b>		Non Returnable Wooden
<b>Total Unit Weight</b>	Kg/km	1226

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

1<sup>st</sup> phase: red

2<sup>nd</sup> phase: blue

3<sup>rd</sup> phase: white

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