



Integrated Management System

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TECHNICAL SPECIFICATION of **3x70+35+16** (HDPE)

TECHNICAL SPECIFICATIONS	UNIT	3x70+35+16 (HDPE)
Standart Use		KED/4/2006-rev. 2008, Man. Spec.
PHASE CONDUCTOR		
Material		1370 EC Aluminium
Number of Al Wires		7
Compacted Diameter	mm	9,3-10,2
Insulation Thickness	mm	1,4
Overall diameter of finished cable	mm	12,1-13,0
Unit Weight of Al (compacted)	kg/km	190
Unit Weight of Insulation	kg/km	46
Overall Weight per Km of Cable	kg/km	236
Insulation Material		HDPE
Max. DC Resistance at 20°C	Ohms/km	0,443
MESSENGER		
Material		AAAC 6101
Number of Al Alloy Wires		7
Compacted Diameter	mm	6,6-7,5
Insulation Thickness	mm	1
Overall diameter of finished cable	mm	8,6-9,5
Unit Weight of Al alloy (compacted)	kg/km	95
Unit Weight of Insulation	kg/km	23,5
Overall Weight per Km of Cable	kg/km	118,5
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

Rated Strength	N	1900
Max. DC Resistance at 20°C	Ohms/km	1,91
Reel Type		Non Returnable Wooden
Total Unit Weight	Kg/km	895

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

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