



## Integrated Management System

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### TECHNICAL SPECIFICATION of **3x70+50+16** (HDPE)

TECHNICAL SPECIFICATIONS	UNIT	3x70+50+16 (HDPE)
Standart Use		KED/4/2006-rev. 2008, Manf. Spec.
<b>PHASE CONDUCTOR</b>		
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
<b>MESSENGER</b>		
Material		AAAC 6101
Number of Al Alloy Wires		7
Compacted Diameter	mm	7,7-8,6
Insulation Thickness	mm	1,0
Overall diameter of finished cable	mm	9,7-10,6
Unit Weight of Al alloy (compacted)	kg/km	137
Unit Weight of Insulation	kg/km	27,4
Overall Weight per Km of Cable	kg/km	164,4
Insulation Material		HDPE
<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	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
<b>Reel Type</b>		Non Returnable Wooden
<b>Total Unit Weight</b>	Kg/km	941

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

1<sup>st</sup> phase: 2 ribs

2<sup>nd</sup> phase: 3 ribs

3<sup>rd</sup> phase: 4 ribs

Neutral Messenger: 1 rib

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