



Integrated Management System

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TECHNICAL SPECIFICATION of **3x50+25+16** (HDPE)

TECHNICAL SPECIFICATIONS	UNIT	3x50+25+16 (HDPE)
Standart Use		KED/4/2006-rev. 2008, Manf. Spec.
PHASE CONDUCTOR		
Material		1370 EC Aluminium
Number of Al Wires		7
Compacted Diameter	mm	7,7-8,6
Insulation Thickness	mm	1,4
Overall diameter of finished cable	mm	10,5-11,4
Unit Weight of Al (compacted)	kg/km	137
Unit Weight of Insulation	kg/km	39,6
Overall Weight per Km of Cable	kg/km	176,6
Insulation Material		HDPE
Max. DC Resistance at 20°C	Ohms/km	0,641
MESSENGER		
Material		AAAC 6101
Number of Al Alloy Wires		7
Compacted Diameter	mm	5,6-6,5
Insulation Thickness	mm	1
Overall diameter of finished cable	mm	7,6-8,5
Unit Weight of Al alloy (compacted)	kg/km	68
Unit Weight of Insulation	kg/km	20,5
Overall Weight per Km of Cable	kg/km	88,5
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	685

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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