



## Integrated Management System

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### TECHNICAL SPECIFICATION of **3x50+25+16** (XLPE)

TECHNICAL SPECIFICATIONS	UNIT	<b>3x50+25+16 (XLPE)</b>
Standart Use		EN 60228, Manf. Spec.
<b>PHASE CONDUCTOR</b>		
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	37,9
Overall Weight per Km of Cable	kg/km	174,9
Insulation Material		XLPE
Max. DC Resistance at 20°C	Ohms/km	0,641
<b>MESSENGER</b>		
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	19,7
Overall Weight per Km of Cable	kg/km	87,7
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	678

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

Prepared By	Approved By
Hicran TECER Quality Assurance Manager	Kenan ÖZDEMİR Deputy General Manager