



## TEST REPORT

Products	AAC		Size	70MM2	
Standard	12*2.73	Invoice No.	2023050402	Date	2023.5.4
NO.	Item	Standards and Requirements		Test Results	Evaluation
<b>1</b>	<b>Structure</b>				
1-1	Number Of AL Wire	12		12	Qualified
1-2	Diameter Of Conductor	9.9 ±0.1		9.9	Qualified
1-3	20°C Max D.C Resistance	≤0.443 Ω/km		0.4371	Qualified
1-4	The direction of outer layer	Right- handed		Right- handed	Qualified
<b>2</b>	<b>Surface Of Conductor</b>				
2-1	Surface Quality	The Surface Shall Be Smooth, Stranded Compactly, No Missing, Broken, Jumping or Loosing Strands.		Smooth, Compact	Qualified
<b>3</b>	<b>Aluminum Wire Properties</b>				
3-1	Material	Hard drawn aluminum wire		Hard drawn aluminum wire	Qualified
3-2	Diameter Of AL Wire	12/2.73		12/2.73	Qualified
3-3	Min. Tensile Strength	125~205 N/mm <sup>2</sup>		193	Qualified
3-4	Resistivity at 20°C	≤0.028264		0.028013	Qualified
3-5	Elongation in 10 in	3%		4.6%	Qualified

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