

**Hangzhou Easy Electric Wire and Cable Co.,LTD**

Add: Room 305, Building 2, No. 380 Fengxin Road Hangzhou, China

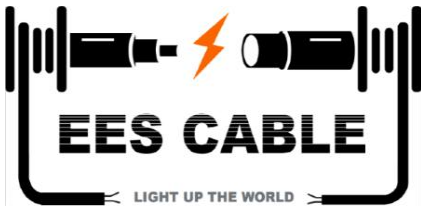
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## TEST REPORT

Products	ACSR Raven		Size	6*3.37+1*3.37	
Standard	ASTM B230 B232 B498	Invoice No.	20220708001	Date	2022.07.08
NO.	Item	Standards and Requirements	Test Results	Evaluation	
<b>1</b>	<b>Structure</b>				
1-1	Number Of AL Wire	6	6	Qualified	
1-2	Number Of Steel Wire	1	1	Qualified	
1-3	Diameter Of Conductor	10.11±0.11	10.13	Qualified	
1-4	20°C Max D.C Resistance	0.5232	0.5218	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>Structure Performance</b>				
3-1	Outer Stranding Direction Of Conductor	Rightward	Rightward	Qualified	
3-2	Lay Ratio Of Conductor	12-14.5	12.7	Qualified	
<b>4</b>	<b>Aluminum Wire Properties</b>				
4-1	Diameter Of AL Wire	3.37±0.034	3.37/3.38/3.37	Qualified	
4-2	Min. Tensile Strength	160N/mm <sup>2</sup>	185	Qualified	
4-3	Wrapping Test	The wire shall be wrapped around 8 times the diameter of the wire, from a close helix 6 turns, wire shall not crack	Not crack	Qualified	
<b>5</b>	<b>Steel Wire Properties</b>				
5-1	Diameter Of Steel Wire	3.37(-0.08,+0.10)	3.37	Qualified	
5-2	Min. Tensile Strength	1410N/mm <sup>2</sup>	1527	Qualified	

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5-3	Mass of Zinc Coating	$\geq 260$ g/mm <sup>2</sup>	283	Qualified
5-4	Elongation(250mm)	$\geq 4\%$	4.4	Qualified

Tested by: Shaoqiong He

Checked by: Guohui Xu

杭州益睿电线电缆有限公司  
HANGZHOU EASY ELECTRIC WIRE AND CABLE CO., LTD.

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