

## Test Report

Number: PUO.20220930001

Inspection date: 2022/10/13

Name: AAAC-6201

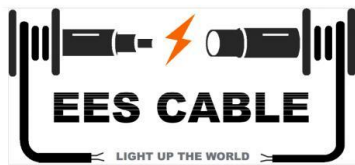
Model: AAAC 7/3.37

Executive standards: Technical protocol

Quantity: 48 km

### test result

Test items		Standard	test result	in conclusion	
junction	Number of aluminum alloy monofilament	7	7	qualified	
	Monofilament diameter/mm	3.37(±0.043mm)	3.37 3.36 3.36	qualified	
structure	Pitch diameter ratio	Strand inner layer	/	/	
		Strand middle layer	/	/	
check		The outermost layer of stranded wire	10-16	13.6	qualified
Verificat ion	Kink	Outermost layer	Right	Right	qualified
		Other	The twist direction of	/	/



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		layers	adjacent layers shall be opposite		
Single line DC resistivity	20 °C maximum		$\leq 32.84n \Omega \cdot m$	31.47	qualified
Strand outer diameter			10.11 mm	10.10	qualified
Tensile strength of monofilament before stranding			$\geq 315MPa$	338	qualified
Elongation at break of finished monofilament			$\geq 3.0\%$	5.2	qualified
Winding test			The winding with the same diameter for 8 turns will not break	Pass	qualified
Overall breaking force			$\geq 18.88KN$	21.09	qualified
Conductor DC resistance at 20 °C			$\leq 0.5348 \Omega /km$	0.5221	qualified
appearance			Even and tight stranding, smooth and clean without burr	Meet the requirements	qualified
Conclusion: The inspected items are in conformity with the standards of the production process, qualified in quality, and are allowed to leave the factory.					

Inspected by: Zhang Xuedian

Reviewed by: Zhao Youyou

Approved by: Wang Aihong

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

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