



Hangzhou Easy Electric Wire and Cable Co.,LTD

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www.eescable.com

Test Report

Products	ABC		Size	2×16(0.6/1KV)		
Standard	ICEA S 76-474; IEC 60502-1; IEC 60228		Invoice No.	20230332004	Date	2023.03.31
NO.	Item	Standards and Requirements	Test Results	Evaluation		
Structure						
1 Phase Core						
1-1	Number of core	2	2	Qualified		
1-2	Number of wires	7	7	Qualified		
1-3	Conductor Material	AL	AL	Qualified		
1-4	Outer Stranding Direction Of Lay	Rightward	Rightward	Qualified		
1-5	Lay Ratio	10-16	13.5	Qualified		
1-6	Conductor Dia.	4.8	4.8	Qualified		
2 Insulation						
2-1	Insulation Material	Weatherability-XLPE	Weatherability-XLPE	Qualified		
2-2	Color	Black	Black	Qualified		
2-3	Average Thickness Of Insulation	≥1.1	1.16	Qualified		
2-4	Min. Thickness Of Insulation	≥1.0	1.04	Qualified		
2-5	Surface Of Insulation	Smooth, Clean	Smooth, Clean	Qualified		
2-6	Printing Of Insulation	Printing should contains manufacturer, product and size, voltage etc. Printing should be clear, easily recognized, fastness	Passed	Qualified		
3 Electrical Performance						
3-1	20℃ Max D.C Resistance Of Phase Conductor	≤ 1.91 Ω /KM	1.85	Qualified		
3-2	Approx weight of completed cable	129Kg/km	130	Qualified		
3-3	Alternating Voltage Stress Testing (3.0kv/1min)	No Breakdown	No Breakdown	Qualified		
4 Insulation Machinery Performance						
4-1	Elongation At Stress	≤175%	60%	Qualified		
4-2	Permanent Elongation After Cooling	≤15%	1%	Qualified		

Tested by: Jingyan Zhao

Checked by: Guohui Xu