

Hangzhou Easy Electric Wire and Cable Co., LTD

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

www.eescable.com

Test Report

Products	Concentric Ca	ble	Size	2*6+6		SAWG		
Standard	UL 854 ICEA S 95-658 ASTM B800 ADTM B801		20230521002	Da	te	2023.05.21		
NO.	ltem		ards and rements	Test Results Evaluation		Evaluation		
	Structure							
1	Phase Core							
1-1	Number of core		2	2		Qualified		
1-2	Conductor Structure	7*1.5	55mm	7*1.55		Qualified		
1-3	Conductor Material	,	AL	AL		Qualified		
1-4	Outer Stranding Direction Of Lay	Righ	ntward	Rightward		Qualified		
1-5	Conductor Dia.	4.6	5mm	4.66 4.66		Qualified		
1-6	20℃ Max D.C Resistance Of Phase Conductor	≤ 2.1	6Ω/KM	2.07 2.07		Qualified		
2	Insulation							
2-1	Insulation Material	XI	LPE	XL	PE	Qualified		
2-2	Color	Red	Black	Red	Black	Qualified		
2-3	Tensile Strength	≥12	.5MPa	16.5	16.8	Qualified		
2-4	Elongation	≥2	250%	470	450	Qualified		
2-5	Permanent deformation rate	Ś	5%	0	0	Qualified		
2-6	Average Thickness Of Insulation	≥1.1	14mm	1.23	1.21	Qualified		
2-7	Min. Thickness Of Insulation	≥1.	0mm	1.0	1.02	Qualified		
3	Neutral Conductor							
3-1	1350AL	65/0.	511mm	65/0	0.511	Qualified		

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20°C Max D.C Resistance Of Neutral Conductor	≤ 2.2Ω/KM	2.046	Qualified			
Polyester tape	0.05mm	0.05	Qualified			
Outer sheath						
Material	XLPE	XLPE	Qualified			
Color	Black	Black	Qualified			
Average Thickness	1.52mm	1.56	Qualified			
Min. Thickness	1.4mm	1.47	Qualified			
Tensile Strength	≥12.5MPa	16.7	Qualified			
Elongation	≥250%	460	Qualified			
Permanent deformation rate	≪5%	0	Qualified			
Finished Product						
Approximate Overall Diameter Of Cable	11.3mm×18.2mm	12.2 ×18.8	Qualified			
Approximate Total Weight Of Cable	230KG/KM	235KG/KM	Qualified			
	Of Neutral Conductor Polyester tape Material Material Color Average Thickness Min. Thickness Tensile Strength Elongation Permanent deformation rate Approximate Overall Diameter Of Cable Approximate Total Weight	Of Neutral Conductor<2.2 Ω/KMPolyester tape0.05mmOuter sheathMaterialXLPEColorBlackAverage Thickness1.52mmMin. Thickness1.4mmTensile Strength≥12.5MPaElongation≥250%Permanent deformation rate≤5%Finished Product11.3mm×18.2mmApproximate Overall Diameter Of Cable11.3mm×18.2mm	Of Neutral Conductor≥ 2.2 07/KM2.046Polyester tape0.05mm0.05Outer sheathMaterialXLPEXLPEColorBlackBlackAverage Thickness1.52mm1.56Min. Thickness1.4mm1.47Tensile Strength≥12.5MPa16.7Elongation≥250%460Permanent deformation rate≤5%0Finished ProductApproximate Overall Diameter Of Cable11.3mm×18.2mm12.2 ×18.8Approximate Total Weight230KC/KM235KC/KM			

Tested by: Shaoqiong He

Checked by: Guohui Xu

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

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