

Hangzhou Easy Electric Wire and Cable Co.,LTD

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

www.eescable.com

Part Number: PV WIRE CU 10AWG 2000V

Purchase Order NO.HTZZ230317JJ

Product Description:

No.	Test item	Reference Value	Measured Value	Result
1	Conductor			
	Conductor material	Copper conductor	Copper conductor	pass
	The number of the single wire	75pcs	75pcs	pass
2	Insulation			
	Material	XLPE	XLPE	pass
	Nominal Thickness	1.90mm	1.94mm	pass
	Minimum Thickness	1.74mm	1.87mm	pass
	Core identification	Black	Black	pass
	Overall diameter Max.	6.7~7.0mm	6.8mm	pass
3	Electrical test			
	D.C. resistance of conductor at 20°C Max.	3.41ohm/kM	3.39ohm/kM	pass
	15°C Insulation resistance Min.	950GΩ·m	1854GΩ·m	pass
	Voltage test(AC:6kV for1min)	no-break	no-break	pass
4	Insulation heating deformation			
	Deformation value Max.	30%	13%	pass

Test Conclusion: Comply with UL4703 standard requirement

Inspected by

Signature: 

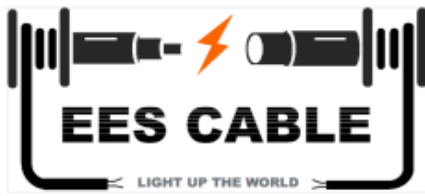
Date 2023/4/17

Approved by

Signature: 

Date 2023/4/17

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



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1	Conductor			
	Conductor material	Copper conductor	Copper conductor	pass
	The number of the single wire	75pcs	75pcs	pass
2	Insulation			
	Material	XLPE	XLPE	pass
	Nominal Thickness	1.90mm	1.97mm	pass
	Minimum Thickness	1.74mm	1.86mm	pass
	Core identification	Red	Red	pass
	Overall diameter Max.	6.7~7.0mm	6.8mm	pass
3	Electrical test			
	D.C. resistance of conductor at 20°C Max.	3.41ohm/kM	3.38ohm/kM	pass
	15°C Insulation resistance Min.	950GΩ·m	1872GΩ·m	pass
	Voltage test(AC:6kV for1min)	no-break	no-break	pass
4	Insulation heating deformation			
	Deformation value Max.	30%	17%	pass

Test Conclusion: Comply with UL4703 standard requirement

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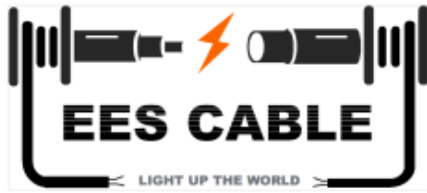
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Part Number: PV WIRE CU 8AWG 2000V

Purchase Order NO.HTZZ230317JJ

Product Description:

No.	Test item	Reference Value	Measured Value	Result
1	Conductor			
	Conductor material	Copper conductor	Copper conductor	pass
	The number of the single wire	66pcs	66pcs	pass
2	Insulation			
	Material	XLPE	XLPE	pass
	Nominal Thickness	2.15mm	2.21mm	pass
	Minimum Thickness	1.96mm	2.06mm	pass
	Core identification	Red	Red	pass
	Overall diameter Max.	8.0~8.3mm	8.1mm	pass
3	Electrical test			
	D.C. resistance of conductor at 20°C Max.	2.14ohm/kM	2.11ohm/kM	pass
	15°C Insulation resistance Min.	1040GΩ·m	2122GΩ·m	pass
	Voltage test(AC:7.5kV for1min)	no-break	no-break	pass
4	Insulation heating deformation			
	Deformation value Max.	30%	17%	pass

Test Conclusion: Comply with UL4703 standard requirement

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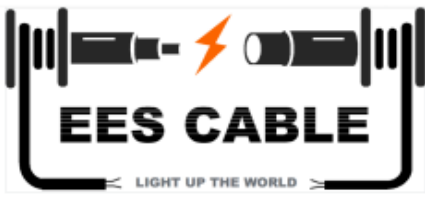
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	Conductor material	Copper conductor	Copper conductor	pass
	The number of the single wire	66pcs	66pcs	pass
2	Insulation			
	Material	XLPE	XLPE	pass
	Nominal Thickness	2.15mm	2.20mm	pass
	Minimum Thickness	1.96mm	2.08mm	pass
	Core identification	Black	Black	pass
	Overall diameter Max.	8.0~8.3mm	8.1mm	pass
3	Electrical test			
	D.C. resistance of conductor at 20°C Max.	2.14ohm/kM	2.12ohm/kM	pass
	15°C Insulation resistance Min.	1040GΩ·m	2055GΩ·m	pass
	Voltage test(AC:7.5kV for1 min)	no-break	no-break	pass
4	Insulation heating deformation			
	Deformation value Max.	30%	15%	pass

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