

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:** 

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

Test Conclusion: Comply with UL4703 standard requirement

Inspected by

Signature: 8

Date 2023/4/17

Approved by

Signature :

Date

2023/4/17



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	1.97mm	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℃ 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

Inspected by

Signature:

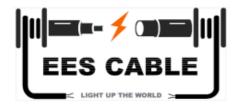
Date 2023/4/17

Approved by

Signature

Date

~2023/4/17



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

www.eescable.com

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℃ 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

Inspected by

Signature:

Date 2023/4/17

Approved by

Signature

Date

2023/4/17



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

www.eescable.com

Part Number: PV WIRE CU 8AWG 2000V

Purchase Order NO.HTZZ230317JJ

**Product Description:** 

TTOGG	ct bescription.			
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	2.20mm	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℃ Max.	2.14ohm/kM	2.12ohm/kM	pass
	15℃ Insulation resistance Min.	1040GΩ·m	2055GΩ·m	pass
	Voltage test(AC:7.5kV for1min)	no-break	no-break	pass
4	Insulation heating deformation			
	Deformation value Max.	30%	15%	pass

**Test Conclusion:** 

Comply with UL4703 standard requirement

Inspected by

Signature:

Date 2023/4/17

Approved by

Signature:

Date

2023/4/17