

ESP Cable Solutions Co.,Ltd



Test Report

Part Number: YJV82

Date: Feb 18,2016

Product Description:

No.	Test item	Reference Value	Measured Value	Result	
1	Conductor				
	Conductor material	bare copper	bare copper	pass	
	The number of the single wire	Main core	19/2.18	19/2.18	pass
		Ground wire	7/1.35	7/1.35	pass
2	Semiconductive Conductor Screen				
	Minimum Thickness	0.8mm	1.0mm	pass	
3	Insulation				
	Material	XLPE	XLPE	pass	
	Minimum Thickness	3.4mm	3.4mm	pass	
	Core identification	Red,Green,Yellow	Red,Green,Yellow	pass	
4	Semiconductive Insulation Screen				
	Minimum Thickness	0.8mm	0.9mm	pass	
5	copper tape				
	Thickness	0.1mm	0.1mm	pass	
6	Inner Sheath				
	Material	PVC	PVC	pass	
	Color	Black	Black	pass	
	Minimum Thickness	1.4mm	3.6mm	pass	
7	Diameter out Armor				
	Max Diameter	57.4mm	55.8mm	pass	
8	Outer Sheath				
	Material	PVC	PVC	pass	
	Color	Black	Black	pass	
	Minimum Thickness	3.0mm	3.3mm	pass	
	overall diameter	57.4~63.4mm	61.7mm	pass	
9	Electrical test	Reference Value	Measured Value	Result	
	Max. D.C. resistance of conductor at 20°C Max.	Main core	0.268ohm/kM	0.267ohm/kM	pass
		Ground wire	1.83ohm/kM	1.80ohm/kM	pass
	Voltage test	21kv for5min	no-break	pass	

