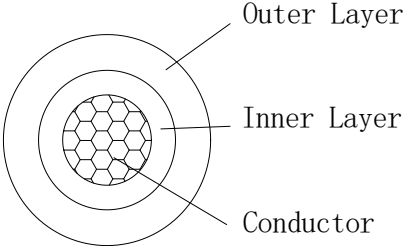


# SPECIFICATION FOR APPROVAL

<b>1.Construction</b>		PV1-F 25mm <sup>2</sup>		Revision:	A/0	Form No.	B274	
Rated Voltage		1000VDC		<b>CONSTRUCTION D.W.G</b>				
Conductor	Cross-sectional	25						
	Material	Stranded Tinned Copper						
	Cond.Size	192/ (0.40±0.008)						
	Stranded OD.(mm)	6.95						
Inner Layer	Material	XLPE						
	Color	Black						
Outer Layer	Material	XLPE						
	OD.(mm)	12.00±0.25						
	Color	Black						
<b>2. Physical Properties</b>								
Item		Specification		<b>4.Marking</b>				
		Inner Layer	Outer Layer					
Elongation	Un-aged	≥125%	≥125%	TÜV 2 Pfg 1169 PV1-F 1×25mm <sup>2</sup> WUXI XINHONGYE WIRE & CABLE CO., LTD  TÜV 2PFG 1169/08.07 Reference number:T50389425  (a) 100m. (b) Consulting if delivering in other ways  WUXI XINHONGYE WIRE & CABLE CO., LTD. NO.17 Hexin Road,Xishan District,Wuxi,Jiangsu,China TEL:86-510-68780888 FAX:86-510-68780858 E-mail: sales@xhycable.com				
Strength		≥6.5Mpa	≥8Mpa					
Cold bend test	(-40±2.0℃×16h)	No cracking						
Sunlight resistance	720h	Elongation and strength retention rate ≥80%						
Bending radius	≥4×Cable OD	PASS						
Ambient temperature	-40℃ up to +90℃		<b>6.Packing</b>					
Content of halogen acid gas	IEC670754-1, EN50267-2-1							
Thermal endurance properties	>25years							
Insulation resistance AT20℃	≥10 <sup>14</sup> Ω·cm							
Max. current AT60℃	176A							
Max.conductor temperature	120℃							
Flame test	IEC60332-1	PASS		<b>Part No.</b>	SCTA25-01-001	<b>APPROVED (CUSTOMER)</b>		
<b>3.Electrical Properties</b>				<b>Serial No.</b>	001			
Item	SPECIFICATION		<b>Approved</b>					
Conductor Resistance AT 20℃	≤0.769Ω/km		<b>Checked</b>					
Dielectric-withstand test	6500VAC/5min		<b>Drawing</b>					
Spark test	10000VAC		<b>Date</b>	2014/6/24				