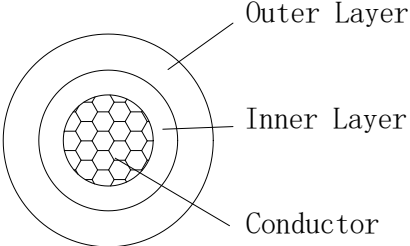


SPECIFICATION FOR APPROVAL

1.Construction		PV1-F 6mm ²		Revision:	A/0	Form No.	B274
Rated Voltage		1000VDC		CONSTRUCTION D.W.G			
Conductor	Cross-sectional	6					
	Material	Stranded Tinned Copper					
	Cond.Size	78/ (0.30±0.008)					
	Stranded OD.(mm)	3.06					
Inner Layer	Material	XLPE					
	Color	White					
Outer Layer	Material	XLPE					
	OD.(mm)	5.90±0.15					
	Color	Black					
2. Physical Properties							
Item		Specification		Inner and outer layer is inseparable.			
		Inner Layer					
Elongation	Un-aged	≥125%		4.Marking TÜV 2 PfG 1169 PV1-F 1×6.0mm ² WUXI XINHONGYE WIRE & CABLE CO., LTD			
Strength		≥6.5Mpa					
Cold bend test	(-40±2.0℃×16h)	No cracking		5.Standard		TÜV 2PfG 1169/08.07 Reference number:T50389425	
Sunlight resistance	720h	Elongation and strength retention rate ≥80%					
Bending radius	≥4×Cable OD	PASS		6.Packing		(a) 200m. (b) Consulting if delivering in other ways	
Ambient temperature	-40℃ up to +90℃						
Content of halogen acid gas	IEC670754-1, EN50267-2-1		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				
Thermal endurance properties	> 25years						
Insulation resistance AT20℃	≥10 ¹⁴ Ω·cm						
Max. current AT60℃	70A						
Max.conductor temperature	120℃						
Flame test	IEC60332-1	PASS					
3.Electrical Properties				Part No.	SCT600-01-084		APPROVED (CUSTOMER)
Item		SPECIFICATION		Serial No.	001		
Conductor Resistance AT 20℃		≤3.39Ω/km		Approved			
Dielectric-withstand test		6500VAC/5min		Checked			
Spark test		10000VAC		Drawing			
				Date	2017/6/12		