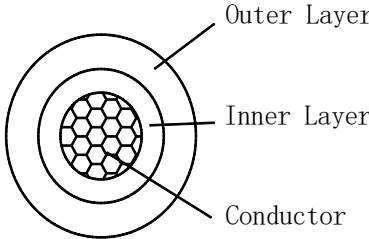


SPECIFICATION FOR APPROVAL

1.Construction		H1Z2Z2-K 6mm²		Revision:	A/0	Form No.	B274
Rated Voltage		1500VDC		CONSTRUCTION D.W.G			
Conductor	Cross-sectional	6					
	Material	Stranded Tinned Copper					
	Cond.Size	72/ (0.30±0.008)					
	Stranded OD.(mm)	2.95					
Inner Layer	Material	XLPE					
	Color	Black					
Outer Layer	Material	XLPE					
	Min.Thickness (mm)	0.58					
	Nominal Thickness	0.80					
	OD.(mm)	6.10±0.15					
Color	Red						
2. Physical Properties							
Item		Specification		Inner and outer layer is inseparable.			
		Inner Layer	Outer Layer	4.Marking			
Elongation	Un-aged	≥125%	≥125%	TÜV EN 50618 H1Z2Z2-K 1×6.0mm² WUXI XINHONGYE			
Strength		≥8Mpa	≥8Mpa	WIRE & CABLE CO., LTD R50311889			
Cold bend test	(-40±2.0℃×16h)	No cracking		5.Standard		EN 50618	
Sunlight resistance	720h	Elongation and strength retention rate ≥70%				Reference number:R50311889	
Bending radius	≥4×Cable OD	PASS		6.Packing		(a) 100m.	
Ambient temperature		-40℃ up to +90℃				(b) Consulting if delivering in other ways	
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℃		≥500MΩ·km					
Max. current AT60℃		70A					
Max.conductor temperature		120℃					
Smoke emission test	EN61034-2	≥60%					
Flame test	IEC60332-1	PASS					
Water Resistant	AD8	PASS					
3.Electrical Properties				Part No.	ENT600-03-102	APPROVED (CUSTOMER)	
Item		Specification		Serial No.	001		
Conductor Resistance AT 20℃		≤3.39Ω/km		Approved	赵也		
Dielectric-withstand test		6500VAC/5min		Checked	/		
Spark test		10000VAC		Drawing	安夏天		
				Date	2024/7/10		