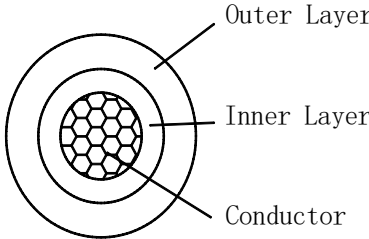


SPECIFICATION FOR APPROVAL

1.Construction			H1Z2Z2-K 10mm²		Revision:	A/0	Form No.	B274				
Rated Voltage			1500VDC		CONSTRUCTION D.W.G							
Conductor	Cross-sectional	10										
	Material	Stranded Tinned Copper										
	Cond.Size	74/（0.40±0.02）										
	Stranded OD.(mm)	3.92										
Inner Layer	Material	XLPE										
	Color	Black										
Outer Layer	Material	XLPE										
	Min.Thickness（mm）	0.58										
	Nominal Thickness	0.80										
	OD.(mm)	7.00±0.20										
	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 1×10.0mm² WUXI XINHONGYE WIRE & CABLE CO., LTD R50311889								
Strength		≥8Mpa	≥8Mpa									
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℃		≥420MΩ·km										
Max. current AT60℃		98A										
Max.conductor temperature		120℃										
Smoke emission test	EN61034-2	≥60%										
Flame test	IEC60332-1	PASS										
Water Resistant	AD8	PASS										
3.Electrical Properties					Part No.	ENTA10-03-043	APPROVED (CUSTOMER)					
Item		Specification		Serial No.	001							
Conductor Resistance AT 20℃		≤1.95Ω/km		Approved	赵也							
Dielectric-withstand test		6500VAC/5min		Checked	/							
Spark test		10000VAC		Drawing	安夏天							
				Date	2024/7/10							