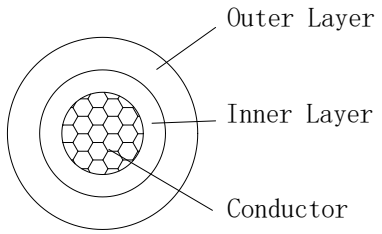
SPECIFICATION FOR APPROVAL

1.Construction		H1Z2Z2-K 4mm²		**Revision:**	**A/0**	**Form No.**	**B274**
Rated Voltage		1500VDC		**CONSTRUCTION D.W.G**			
Conductor	Cross-sectional	4					
	Material	Stranded Tinned Copper					
	Cond.Size	56/0.285					
	Stranded OD.(mm)	2.46					
Inner Layer	Material	XLPE					
	Color	Black					
Outer Layer	Material	XLPE					
	Min.Thickness（mm）	0.58					
	Nominal Thickness	0.80					
	OD.(mm)	5.50±0.15					
	Color	Black					
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 1×4.0mm² WUXI XINHONGYE WIRE & CABLE CO., LTD R50311889			
Strength		≥8Mpa	≥8Mpa				
Cold bend test	(-40±2.0℃×16h)	No cracking		**5.Standard**	EN 50618 Reference number:R50311889		
Sunlight resistance	720h	Elongation and strength retention rate ≥70%					
Bending radius	≥4×Cable OD	PASS		**6.Packing**	(a) 200m. (b) Consulting if delivering in other ways		
Ambient temperature		–40°C up to +90°C					
Content of halogen acid gas		IEC670754-1，EN50267-2-1					
Thermal endurance properties		＞25years		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			
Insulation resistance AT20℃		≥580MΩ·km					
Max. current AT60℃		55A					
Max.conductor temperature		120℃					
Smoke emission test	EN61034-2	≥60%					
Flame test	IEC60332-1	PASS					
Water Resistant	AD8	PASS		**Part No.**	**ENT400-01-144**	**APPROVED (CUSTOMER)**	
3.Electrical Properties				**Serial No.**	**001**		
Item		Specification		**Approved**	**赵也**		
Conductor Resistance AT 20℃		≤5.09Ω/km		**Checked**	/		
Dielectric-withstand test		6500VAC/5min		**Drawing**	**安夏天**		
Spark test		10000VAC		**Date**	**2024/8/8**		