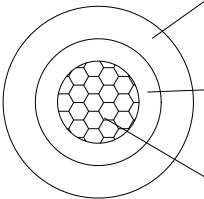


SPECIFICATION FOR APPROVAL

1. Construction		H1Z2Z2-K 6mm ²		Revision:	A/0	Form No.	B274
Rated Voltage		1500VDC		CONSTRUCTION D.W.G			
Conductor	Cross-sectional	6		 <p style="text-align: right; margin-right: 20px;">Outer Layer</p> <p style="text-align: right; margin-right: 20px;">Inner Layer</p> <p style="text-align: right; margin-right: 20px;">Conductor</p>			
	Material	Stranded Tinned Copper					
	Cond.Size	84/ (0.30±0.008)					
	Stranded OD.(mm)	3.20					
Inner Layer	Material	XLPE					
	Color	Black					
Outer Layer	Material	XLPE					
	Min.Thickness (mm)	0.58					
	Nominal Thickness	0.80					
	OD.(mm)	6.30±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 1×6.0mm ² WUXI XINHONGYE WIRE & CABLE CO., LTD R50311889			
Strength		≥8Mpa	≥8Mpa				
Cold bend test	(-40±2.0°C×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. (b) Consulting if delivering in other ways	
Ambient temperature	-40°C up to +90°C		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				
Content of halogen acid gas	IEC670754-1, EN50267-2-1						
Thermal endurance properties	>25years						
Insulation resistance AT20°C	≥500MΩ·km						
Max. current AT60°C	70A						
Max. conductor temperature	120°C						
Smoke emission test	EN61034-2	≥60%					
Flame test	IEC60332-1	PASS		Part No.	ENT600-01-007		APPROVED (CUSTOMER)
3. Electrical Properties				Serial No.	001		
Item		SPECIFICATION		Approved	关勇		
Conductor Resistance AT 20°C		≤3.39Ω/km		Checked	喻敏		
Dielectric-withstand test		6500VAC/5min		Drawing	顾明亚		
Spark test		10000VAC		Date	2016-8-3		