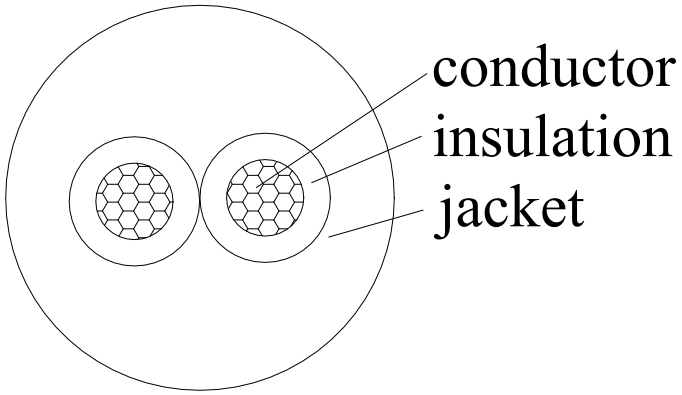
SPECIFICATION FOR APPROVAL

1.Construction		DG 10AWG/2C		**Revision:**	**A/0**	**Form No.**	**B274**
Rated Voltage		90℃ 600V		**CONSTRUCTION D.W.G**			
Conductor	AWG	10					
	Material	Bared Copper					
	Cond.Size	65/（0.32±0.008）					
	Stranded OD.(mm)	2.97					
Insulation	Material	XLPE					
	Min.Thickness（mm）	0.69					
	Avg.Thickness（mm）	0.76					
	OD.(mm)	4.65±0.20					
	Color	Red、Black					
Jacket	Material	XLPE					
	Min.Thickness（mm）	0.91					
	Avg.Thickness（mm）	1.14					
	OD.(mm)	12.00±0.30					
	Color	Black					
2. Physical Properties							
Item		Specification		Inner and outer layer is inseparable.			
		Inner Layer	Outer Layer	**4.Marking**			
Elongation	Un-aged	≥150%	≥150%	E540544 (UL) TYPE DG XHHW-2 2C/10AWG 90℃ WET OR DRY 600V			
Strength		≥10.34Mpa	≥10.34Mpa	DIR BUR SUN RES OIL RES I -40℃ 90℃ JACKET -XINHONGYE-			
Elongated retention	After aging	≥70%		**5.Standard**	(a) UL UL3003 UL44		
Strength retention	121±2℃×168h	≥70%			(b) RoHS EU Directive 2011/65/EU		
Ambient temperature		–40°C up to +90°C		**6.Packing**	(a) Spool packaging (b) Consulting if delivering in other ways		
Flame test		VW-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			
				Part No.	**DGB10A-XX-001**		
3.Electrical Properties				**Serial No.**	**001**		
Item		SPECIFICATION		**Approved**	**赵也**	**APPROVED (CUSTOMER)**	
Conductor Resistance AT 20℃		≤3.409Ω/km		**Checked**	/		
				Drawing	**张营超**		
				Date	**2024.10.26**		