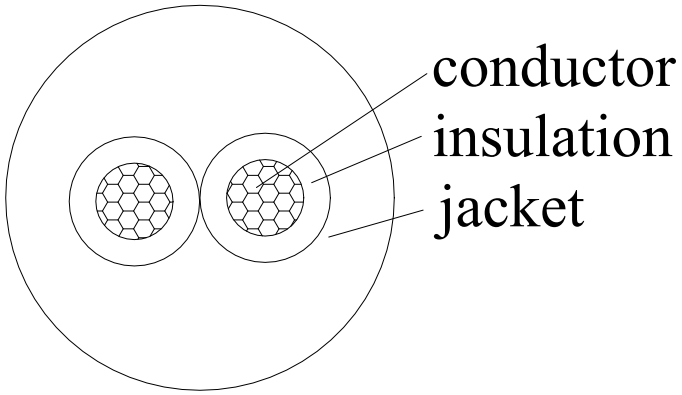
SPECIFICATION FOR APPROVAL

1.Construction		DG 12AWG/2C	**Revision:**	**A/0**	**Form No.**	**B274**
Rated Voltage		90℃ 600V	**CONSTRUCTION D.W.G**			
Conductor	AWG	12				
	Material	Bared Copper				
	Cond.Size	65/（0.254±0.008）				
	Stranded OD.(mm)	2.36				
Insulation	Material	XLPE				
	Min.Thickness（mm）	0.69				
	Avg.Thickness（mm）	0.76				
	OD.(mm)	4.00±0.15				
	Color	Red、Black				
Jacket	Material	XLPE				
	Min.Thickness（mm）	0.91				
	Avg.Thickness（mm）	1.14				
	OD.(mm)	10.60±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/12AWG 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			

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3.Electrical Properties	
Item	SPECIFICATION
Conductor Resistance AT 20℃	≤5.43Ω/km

Part No.	**DGB12A-XX-001**	**APPROVED (CUSTOMER)**
Serial No.	**001**	
Approved	**赵也**	
Checked	/	
Drawing	**张营超**	
Date	**2024.12.25**	