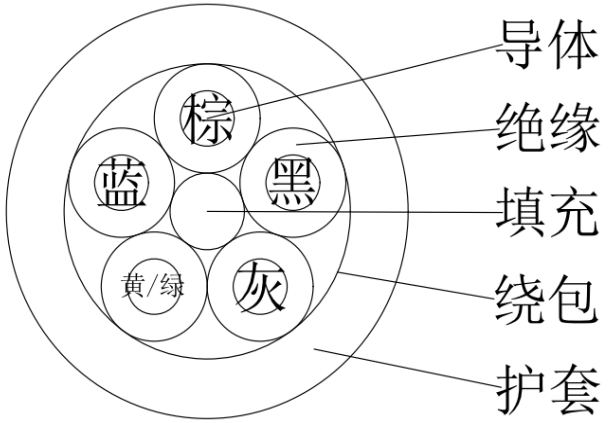
SPECIFICATION FOR APPROVAL

1.Construction	H07RN-F 5G6㎜²			**Revision:**	**A/0**	**Form No.**	**ZHH07RNF6Q0501**
Rated Voltage	450/750V	Rated Temperature	60℃	**CONSTRUCTION D.W.G**			
Conductor	㎜²	6.0					
	Material	Stranded Bare Copper					
	Cond.Size	84/（0.29±0.008）					
	Stranded OD.(mm)	3.07					
Insulation	Material	EI4乙丙橡胶或等效弹性体					
	Min.Thickness（mm）	0.80					
	Min. Average Thickness（mm）	1.00					
	OD.(mm)	5.20±0.20					
	Color	Blue，Brown，Black，Grey，Yellow/Green					
Sheath	Material	EM2氯丁橡胶或等效弹性体					
	Min.Thickness（mm）	2.03		Rubber insulated cables.			
	Min. Average Thickness（mm）	2.50		**4.Marking**			
	OD.(mm)	19.5±0.6		H07RN-F 450/750V 5G6.0mm² HEAVY DUTY CCC A005618 60245 IEC 66(YCW) 450/750V 5x6.0mm² WUXI ZHONGHUI WIRE & CABLE CO., LTD			
	Color	Black					

2. Physical Properties				**5.Standard**	a) EN50525-2-21 2011 b) RoHS EU Directive 2011/65/EU
Item		Specification			
		Insulation	Sheath	**6.Packing**	(a) 100m./Roll (b) According to customer requirements
Elongation	Un-aged	≥200%	≥300%		
Strength		≥5N/㎜²	≥10N/㎜²	无锡市中汇线缆有限公司 地址：江苏省无锡市锡山区锡北镇八士新坝村 Tel/Fax:0510-83785622 Web:www.wxzhxl.com	
Elongation	Aged condition: 100±2℃×168h （70±2℃×240h，Sheath）	≥75% Original	≥75% Original		
Strength		≥75% Original	≥85% Original		
Cold bend test	(-35±2.0℃×16h)	No cracking			
Thermal elongation test	200±3℃，15min，0.2N/㎜²	Elongation：100%； After cooling：25%			

3.Electrical Properties		**Part No.**	**ZHH07RNF6Q0501**
Item	SPECIFICATION	Serial No.	001
Conductor Resistance AT 20℃：	≤3.30Ω/km	**Approved**	**胡晓武**
Dielectric-withstand test：	AC 2500V/5min ， No Breakdown	**Checked**	/
Spark test：	AC 7500V ， No Breakdown	**Drawing**	**甘宇航**
		Date	**2023-8-8**

APPROVED (CUSTOMER)