




# SPECIFICATION

P/N: FEP-□□-□□

Customer File NO. ....

Customer Signed by. ....

**SHS TECHNOLOGY CO.,LTD**  
**苏州尚虹鑫电子科技有限公司**

APPROVED	CHECK	DRAWING
 <p>徐磊 2023.4.12</p>	 <p>徐磊 2023.4.12</p>	 <p>王思哲 2023.4.12</p>

## 1. Scope

This specification covers multi wire cable for medical equipment.

## 2. Construction and Material

Item		Unit	Specified Value		
Conductor	Size	mm <sup>2</sup>	0.5	1.0	2.0
	Material	-	Tinned copper		
	Stranding	No./mm	108/0.08	200/0.08	400/0.08
Insulation	Material	-	FEP		
	Color	-	TBD		
	Thickness	mm	0.20	0.20	0.20
	Diameter	mm	1.36±0.08	1.70±0.10	2.25±0.12

## 3. Electrical Properties

Item	Unit	Specified Value		
		0.50 mm <sup>2</sup>	1.0 mm <sup>2</sup>	2.0 mm <sup>2</sup>
Rating Voltage	V	300		
Rating Temperature	°C	200		
Conductor Resistance (@ 20°C)	Ω/km	Max. 37	Max.19.5	Max.9.8
Insulation resistance (@ 20°C)	MΩ -km	Min. 1,000		
Dielectric Strength <sup>1)</sup>	-	To withstand A.C. 2.200V for 1min		
Flame Resistance	-	VW-1		