

# SPECIFICATION

P/N: CON 3X34AWG

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
<div>徐 磊</div> <div>2023.4.10</div>	<div>徐 磊</div> <div>2023.4.10</div>	<div>王思哲</div> <div>2023.4.10</div>

## 1. Scope

This specification covers multi micro-coaxial cable for medical equipment.

## 2. Construction and Material

Item		Unit	Specified Value
Core Number		-	3
Conductor	Size	AWG	34
	Material	-	Silver plated copper wire
	Stranding	No./mm	7/0.06
Insulation	Material	-	Fluoropolymer
	Color	-	Red,Black,White
	Thickness	mm	0.06
	Diameter	mm	0.30±0.01
Twisted		-	See Fig.1
Braid Shield	Type	-	Wrap
	Material	-	Silver plated copper wire
	Coverage	%	Nom.90
Jacket	Material	-	Fluoropolymer (Color: Gray )
	Thickness	mm	0.07
	Diameter	mm	0.98±0.06

## 3. Electrical Properties

Item	Unit	Specified Value
Conductor Resistance (@ 20°C)	Ω /km	Max.900
Insulation resistance (@ 20°C)	MΩ -km	Min. 1000
Dielectric Strength	-	To withstand A.C. 500V for 1min

**4. Package**

- 1). Unit length : According to cumtomer requirement.
- 2). Package: Coiled into plastic bag and then packed into carton box

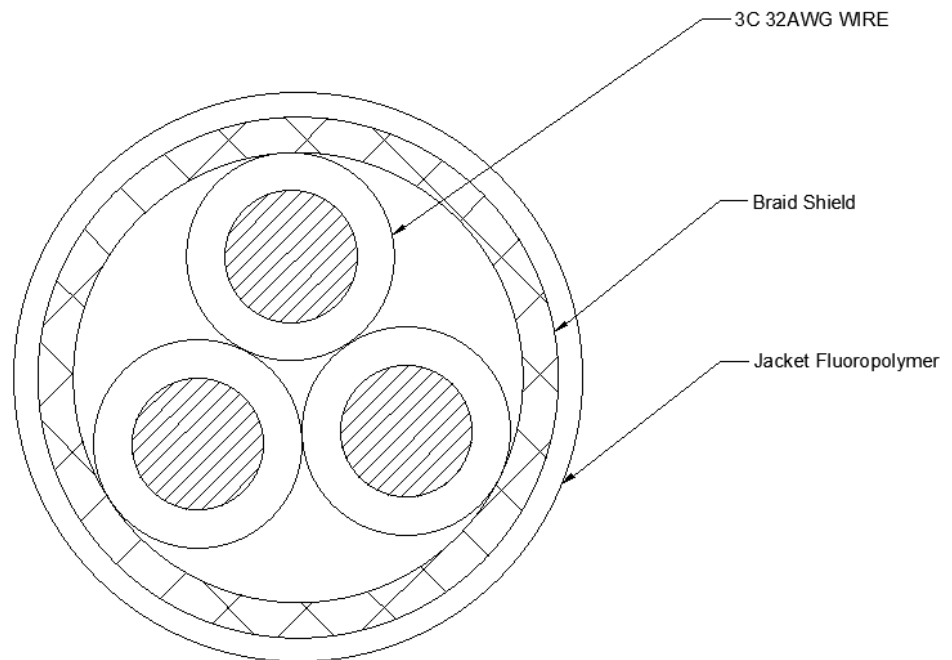


Fig.1 Cross section of cable

## REVISION RECORD

Rev. No	Issue date	Item	DWN	CHK	APVD
1	3/6/2023	First released	Carter.W	Lester.X	Lester.X
2	4/10/2023	Change the insulation to red,black,white, spiral shield to braid shield, overall diameter 0.88 to 0.98	Carter.W	Lester.X	Lester.X