

# SPECIFICATION

P/N:SP30-010-333

DES:CON 2X20AWG+2PX24AWG PVC

Customer Reference.




---

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 2023.10.18</p>	 <p>徐磊 2023.10.18</p>	 <p>王思哲 2023.10.18</p>

## 1. Scope

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

## 2. Construction and Material

Item		Unit	Specified Value	
Core Number		-	2P	2
Conductor	Size	AWG	24	20
	Material	-	Tinned copper	
	Stranding	No./mm	37/0.08	65/0.10
Insulation	Material	-	Fluoropolymer	Fluoropolymer
	Color	-	Yellow, Blue,Green	Black,Red
	Thickness	mm	0.10	0.13
	Diameter	mm	0.76	1.19
Twisted		mm	Yellow/Blue, Green/Blue	-
Cabling*			See Fig.1	
Binder Tape	Material	-	PTFE	
Braid Shield	Material	-	Tinned copper	
	Strand	mm	0.08	
	Coverage	%	Nom.90	
Jacket	Material	-	PVC (Color: ivory)	
	Thickness	mm	0.7	
	Diameter	mm	5.0±0.3	

\*Add the filler to make the cable round if needed.

## 3. Electrical Properties

Item	Unit	Specified Value	
		24AWG	20AWG
Conductor Resistance (@ 20°C)	Ω /km	Max. 104	Max.38
Insulation resistance (@ 20°C)	MΩ -km	Min. 1000	
Dielectric Strength	-	To withstand A.C. 500V for 1min	

**4. Package**

- 1). Unit length : According to customer requirement.
- 2). Package: Coiled into spool and then packed into carton box

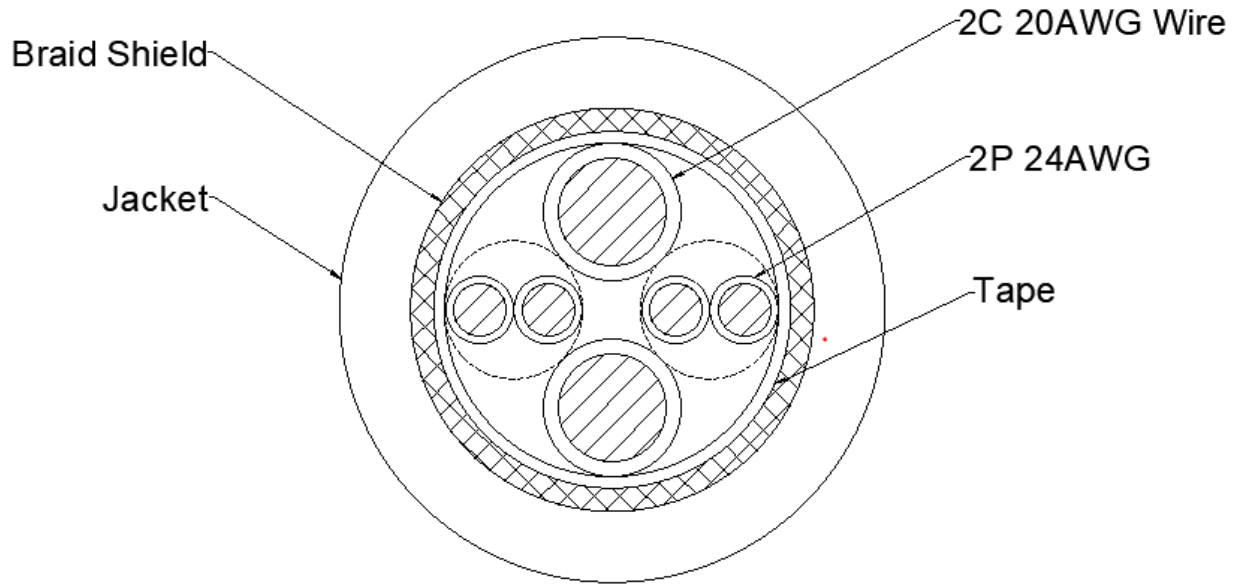


Fig.1 Cross section of cable.

**REVISION RECORD**

Rev. No	Issue date	Item	<b>Drawing</b>	<b>Check</b>	<b>Approved</b>
1	10/18/2022	TBD	Carter.W	Lester.X	Lester.X