

# SPECIFICATION

P/N: CON 5X30AWG 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
<div>徐 磊</div> <div>2023.10.24</div>	<div>徐 磊</div> <div>202310.24</div>	<div>王思哲</div> <div>2023.10.24</div>

### 1. Scope

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

### 2. Construction and Material

Item		Unit	Specified Value
Core Number		-	5
Conductor	Size	AWG	30
	Material	-	Tinned copper alloy
	Stranding	No./mm	19/0.06
Insulation	Material	-	Fluoropolymer
	Color	-	TBD
	Thickness	mm	0.12
	Diameter	mm	0.54
Cabling*			See Fig.1
Binder Tape	Material	-	PTFE Tape
Braid Shield	Material	-	Tinned copper alloy
	Strand	mm	0.08
	Coverage	%	Nom.85
Jacket	Material	-	PVC (Color: Black )
	Thickness	mm	0.7
	Diameter	mm	3.0±0.3

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

### 3. Electrical Properties

Item	Unit	Specified Value
		30AWG
Conductor resistance (@ 20°C)	Ω /km	Max.475
Insulation resistance (@ 20°C)	MΩ -km	Min. 1000
Dielectric strength	-	To withstand A.C. 500V for 1min
Impedance (@ TDR 1ns)	Ω	-

#### **4. Package**

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

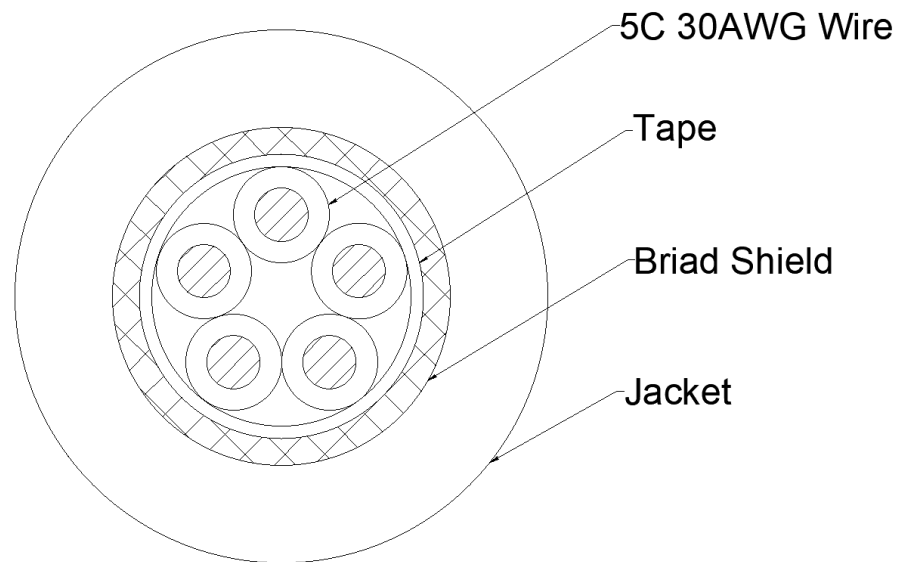


Fig.1 Cross section of cable.

