

SPECIFICATION

MED 5PX40AWG+2X34AWG TPV

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>2022.12.3</div>	<div>徐 磊</div> <div>2022.12.3</div>	<div>王思哲</div> <div>2022.12.3</div>

1. Scope

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

2. Construction and Material

Item		Unit	Specified Value	
Core Number		-	5P	2
Conductor	AWG Size	-	40	34
	Material	-	Silver plated copper alloy	Tinned copper
	Stranding	No./mm	7/0.03	7/0.06
Insulation	Material	-	Fluoropolymer	Fluoropolymer
	Color	-	White, Black,Red,Blue, Green,Yellow	Red,Black
	Thickness	mm	0.038	0.05
	Diameter	mm	0.165	0.28
Twisted		mm	White/Blue,Yellow/Blue, Green/Blue, Red/Blue, Black/Blue	-
Cabling		-	See Fig.1	
Spiral Shield	Material	-	Tinned copper	
	Strand	mm	0.06	
	Coverage	%	Nom.90	
Tape	Material	-	PTFE Tape	
	Overlap	%	Min. 25	
Jacket	Material	-	Medical TPV (Color: Mushroom)	
	Thickness	mm	0.33	
	Diameter	mm	1.80±0.20	

* Add the filler to make cable round if necessary.

3. Electrical Properties

Item	Unit	Specified Value	
		40AWG	34AWG
Conductor Resistance (@ 20°C)	Ω /km	Max. 5,000	Max. 900
Insulation resistance (@ 20°C)	MΩ -km	Min. 500	
Dielectric Strength ¹⁾	-	To withstand A.C. 500V for 1min	
Impedance (@ TDR)	ohm	100±10	-

1): Applied between each conductor.

4. Package

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

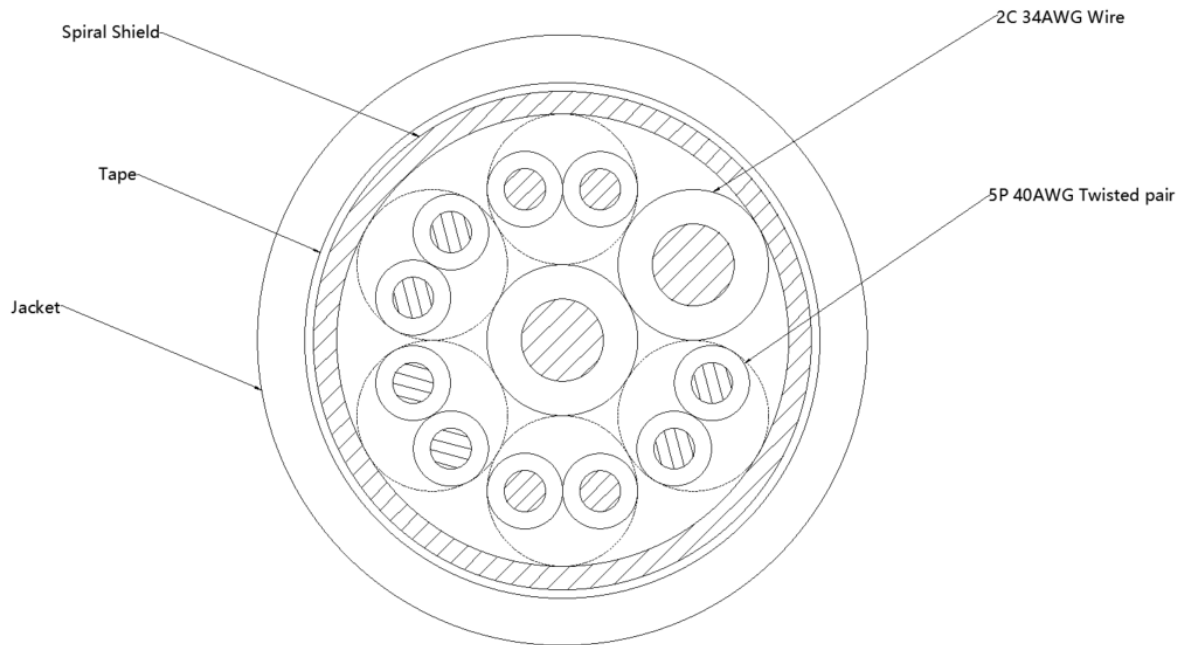


Fig.1 Cross section of cable.

