



SPECIFICATION

P/N: 1PX40AWG+2CX42AWG+1CX38AWG

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>徐 磊</div>	<div>王思哲</div>

1. Scope

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

2. Construction and Material

Item		Unit	Specified Value		
Core Number		-	1P	2C	1C
Conductor	AWG Size	-	40	42	38
	Material	-	Tinned copper alloy	Silver plated copper alloy	Tinned copper alloy
	Stranding	No./mm	7/0.03	7/0.025	7/0.04
Insulation	Material	-	Fluoropolymer	Fluoropolymer	Fluoropolymer
	Color	-	Black,Red	Blue,Green	Yellow
	Thickness	mm	0.038	0.033	0.08
	Diameter	mm	0.165	0.14	0.28
Twisted		-	See Fig.1		
Cabling*			See Fig.1		
Spiral Shield	Material	-	Tinned copper wire		
	Coverage	%	Nom.90		
Jacket	Material	-	Medical PVC (Color: Ivory)		
	Thickness	mm	0.26		
	Diameter	mm	1.08±0.08		

Note: *Add the filler make the cable round if needed.

3. Electrical Properties

Item	Unit	Specified Value		
		1P: 40AWG	2C: 42AWG	1C:38AWG
Conductor Resistance (@ 20°C)	Ω /km	Max. 5000	Max. 7300	Max. 3300
Insulation resistance (@ 20°C)	MΩ -km	Min. 1000		
Dielectric Strength	-	To withstand A.C. 500V for 1min		
Impedance (@ TDR 1ns)	Ω	100±10	-	-

4. Package

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

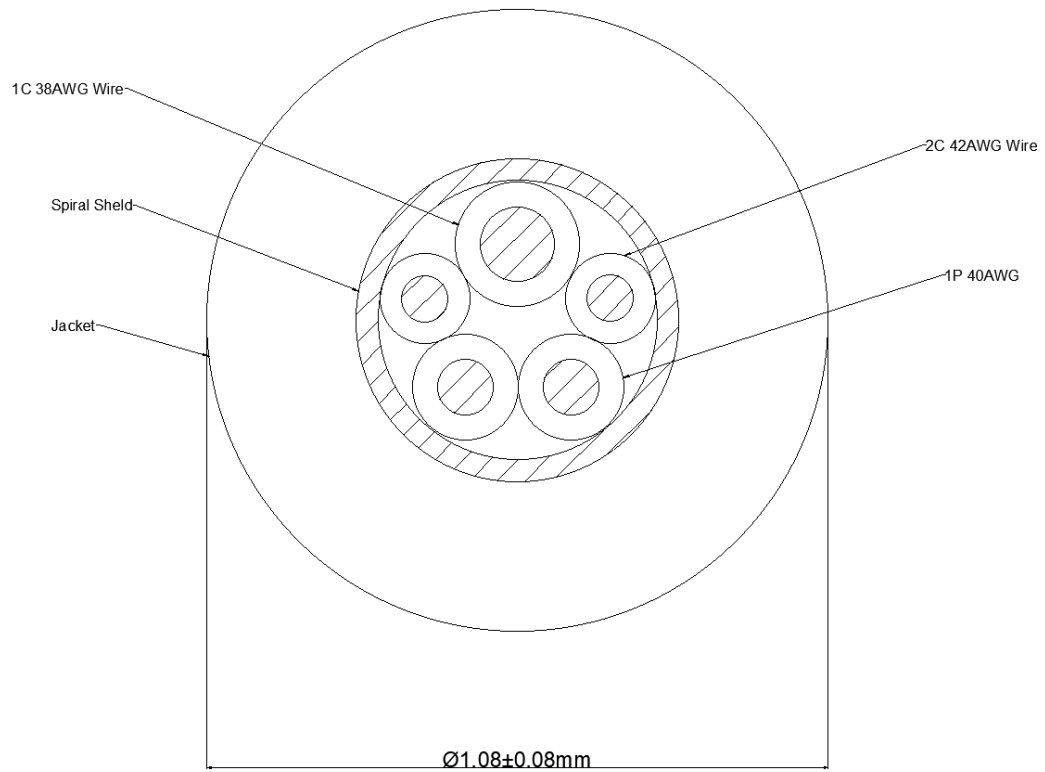


Fig.1 Cross section of cable

