

SPECIFICATION

MED 4PX36AWG+4X32AWG (US)

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><div></div><div>徐磊</div><div>2024.3.15</div></div>	<div><div></div><div>徐磊</div><div>2024.3.15</div></div>	<div><div></div><div>王思哲</div><div>2024.3.15</div></div>

1. Scope

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

2. Construction and Material

Item		Unit	Specified Value	
Core Number		-	4P	4
Conductor	AWG Size	-	36	32
	Material	-	Silver plated copper	Tinned copper
	Stranding	No./mm	7/0.05	7/0.08
Insulation	Material	-	Fluoropolymer	Fluoropolymer
	Color	-	White, Black,Red,Blue,Green	Red,Black
	Thickness	mm	0.065	0.06
	Diameter	mm	0.28	0.36
Twisted		mm	White/Blue,Black/Blue,Red/Blue Green/Blue	
Cabling		-	See Fig.1	
Tape	Material	-	PTFE Tape	
	Overlap	%	Min. 25	
Jacket	Material	-	Medical TPV (Color: Pink)	
	Thickness	mm	0.50	
	Diameter	mm	2.80±0.15	

* Add the filler to make cable round if necessary.

3. Electrical Properties

Item	Unit	Specified Value	
		36AWG	32AWG
Conductor Resistance (@ 20°C)	Ω /km	Max. 1412	Max. 597
Insulation resistance (@ 20°C)	MΩ -km	Min. 500	
Dielectric Strength ¹⁾	-	To withstand A.C. 500V for 1min	
Impedance (@ TDR)	Ω	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

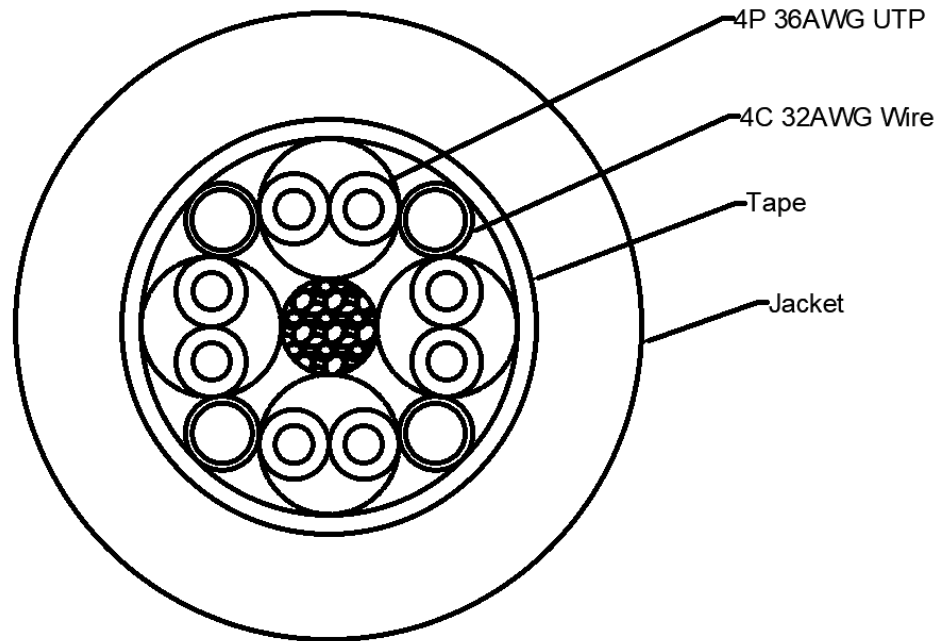


Fig.1 Cross section of cable.

