

SPECIFICATION

P/N: MED 1PX26AWG+2PX28AWG 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>2023.2.11</div>	<div>徐 磊</div> <div>2023.2.11</div>	<div>王思哲</div> <div>2023.2.11</div>

1. Scope

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

2. Construction and Material

Item		Unit	Specified Value	
Core Number		-	2P	1P
Conductor	AWG Size	-	28	26
	Material	-	Tinned copper	Tinned copper
	Stranding	No./mm	19/0.08	19/0.10
Insulation	Material	-	Fluoropolymer	Fluoropolymer
	Color	-	Blue/Yellow, Blue/Orange	White/Yellow
	Thickness	mm	0.18	0.13
	Diameter	mm	0.76	0.76
Twisted		-	See Fig.1	
Cabling	Tape	-	PTFE	
Braid Shield	Material	-	Tinned copper	
	Strand	mm	0.08	
	Coverage	%	Nom.90	
Jacket	Material	-	TPV(Color: Cool Gray)	
	Thickness	mm	0.6	
	Diameter	mm	4.6±0.2	

* Add the filler to make cable round if necessary.

3. Electrical Properties

Item	Unit	Specified Value	
		28AWG	26AWG
Rating Voltage	V	30	
Conductor Resistance (@ 20°C)	Ω /km	Max. 210	Max. 159
Insulation resistance (@ 20°C)	MΩ -km	Min. 1000	
Dielectric Strength ¹⁾	-	To withstand A.C. 500V for 1min	

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

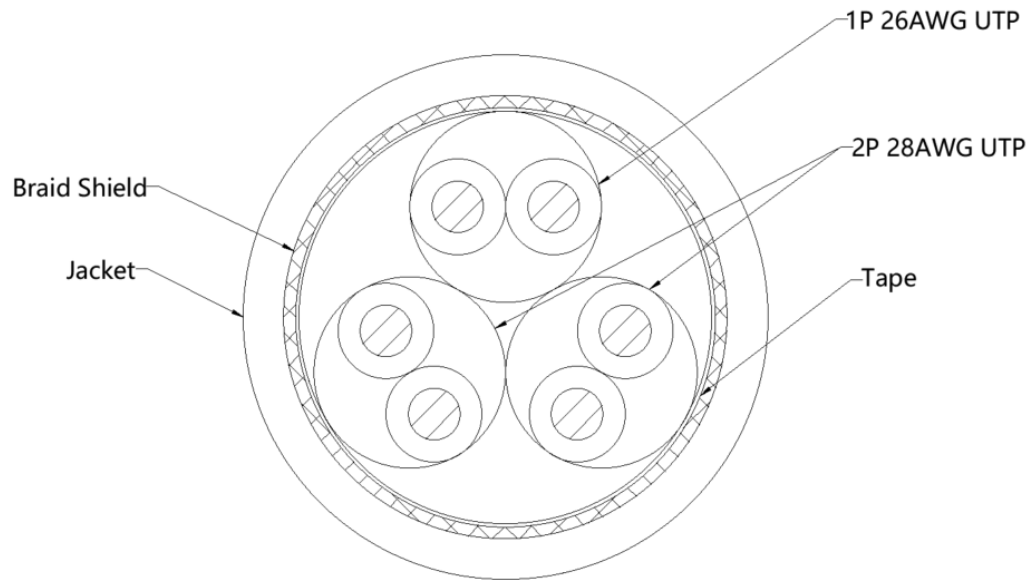


Fig.1 Cross section of cable.

