

SPECIFICATION

P/N: MED 2PX30AWG+1PX30AWG+2X26AWG PVC

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><div></div><div>徐 磊</div><div>2023.3.31</div></div>	<div><div></div><div>徐 磊</div><div>2023.3.31</div></div>	<div><div></div><div>王思哲</div><div>2023.3.31</div></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	2C
Conductor	AWG Size	-	30	30	26
	Material	-	Tinned copper		
	Stranding	No./mm	7/0.10	7/0.10	19/0.10
Insulation	Material	-	Fluoropolymer		
	Color	-	Violet, Blue, Orange, Nature	Blue, Yellow	Red, Black
	Thickness	mm	0.22	0.10	0.10
	Diameter	mm	0.75	0.50	0.70
Twisted			See Fig.1		
Drain Wire	Material	-	7/0.08 Tinned copper		
Tape Shield	Tape	-	AL/PET Tape		
Cabling*			See Fig.1		
Binder Tape	Material	-	AL/PET		
Braid Shield	Material	-	Tinned copper		
	Strand	mm	0.08		
	Coverage	%	Nom.90		
Jacket	Material	-	Medical PVC (Color: Ivory)		
	Thickness	mm	0.50		
	Diameter	mm	4.50±0.20		

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

3. Electrical Properties

Item	Unit	Specified Value		
		2P: 30AWG	1P: 30AWG	2C:28AWG
Conductor Resistance (@ 20°C)	Ω /km	Max. 354	Max.354	Max.210
Insulation resistance (@ 20°C)	MΩ -km	Min. 500		
Dielectric Strength	-	To withstand A.C. 500V for 1min		
Impedance (@ TDR 1ns)	Ω	90±10	-	-

4. Package

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

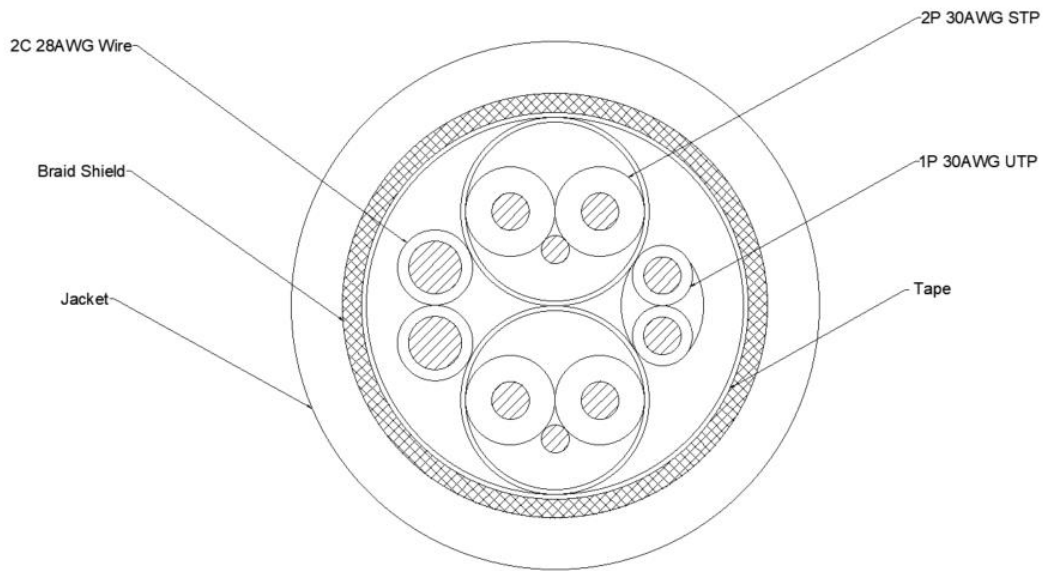


Fig.1 Cross section of cable.

