

SPECIFICATION




P/N: MED 2X22AWG+2PX30AWG+3X32AWG TPU

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
 <p>徐磊 2023.9.9</p>	 <p>徐磊 2023.9.9</p>	 <p>王思哲 2023.9.9</p>

1. Scope

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

2. Construction and Material

Item		Unit	Specified Value		
Core Number		-	2P	2C	3C
Conductor	Size	AWG	30	22	32
	Material	-	Tinned copper		
	Stranding	No./mm	7/0.10	65/0.08	7/0.08
Insulation	Material	-	Fluoropolymer		
	Color	-	Green/Yellow Yellow/Blue	Red, Black	White,Green, Yellow
	Thickness	mm	0.28	0.73	0.07
	Diameter	mm	0.79	0.93	0.38
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	-	PTFE		
Braid Shield	Material	-	Tinned copper		
	Strand	mm	0.08		
	Coverage	%	Nom.90		
Jacket	Material	-	TPU (Color: Black)		
	Thickness	mm	0.80		
	Diameter	mm	5.30±0.30		

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

3. Electrical Properties

Item	Unit	Specified Value		
		2P: 30AWG	2C: 22AWG	3C:32AWG
Conductor Resistance (@ 20°C)	Ω/km	Max. 354	Max.60.8	Max.597
Insulation resistance (@ 20°C)	MΩ -km	Min. 1000		
Dielectric Strength	-	To withstand A.C. 500V for 1 min		
Impedance (@ TDR 1ns)	Ω	100±10	-	-

4. Package

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

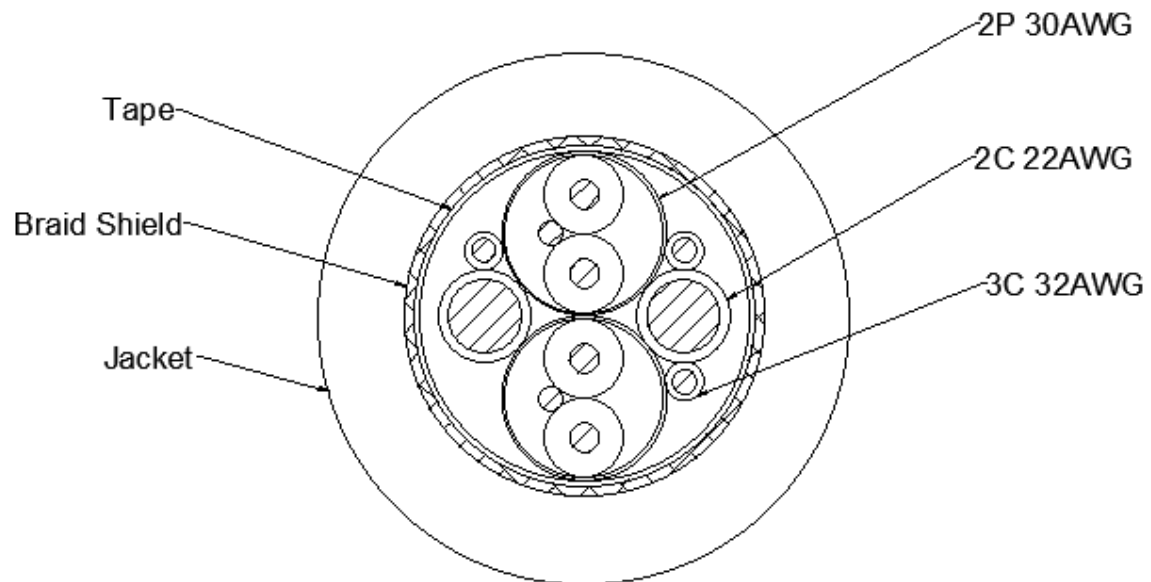


Fig.1 Cross section of cable.

REVISION RECORD

Rev. No	Issue date	Item	Drawing	Check	Approved
1	9/9/2023	TBD	Carter.W	Lester.X	Lester.X