

SPECIFICATION




P/N: MED 1PX32AWG+1X26AWG+3CX32AWG

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
		

1. Scope

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

2. Construction and Material

Item		Unit	Specified Value		
Core Number		-	1P	1	3C
Conductor	Size	AWG	32	26	32
	Material	-	Tinned copper		
	Stranding	No./mm	7/0.08	19/0.10	7/0.08
Insulation	Material	-	Fluoropolymer	Fluoropolymer	Fluoropolymer
	Color	-	White,Green	Red	Yellow,Blue,Green
	Thickness	mm	0.16	0.10	0.07
	Diameter	mm	0.56	0.70	0.38
Drain Wire	Material	-	7/0.08 Tinned copper		-
Twisted			White/Green		Blue/Yellow
Tape Shield	Tape	-	AL/PET Tape		-
Drain Wire		-	26AWG(19/0.10) Tinned copper		
Cabling*			See Fig.1		
Binder Tape	Material	-	AL/PET Tape,		
Braid Shield	Material	-	Tinned copper		
	Strand	mm	0.08		
	Coverage	%	Nom.85		
Jacket	Material	-	PVC (Color: WHITE)		
	Thickness	mm	0.6		
	Diameter	mm	3.8±0.2		

*Add the filler to make the cable round if needed.

3. Electrical Properties

Item	Unit	Specified Value	
		32AWG	26AWG
Conductor Resistance (@ 20°C)	Ω /km	Max. 597	Max.150
Insulation resistance (@ 20°C)	MΩ -km	Min. 1000	
Dielectric Strength	-	To withstand A.C. 500V for 1min	
Impedance (@ TDR 1ns)	Ω	90±10	-

4. Package

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

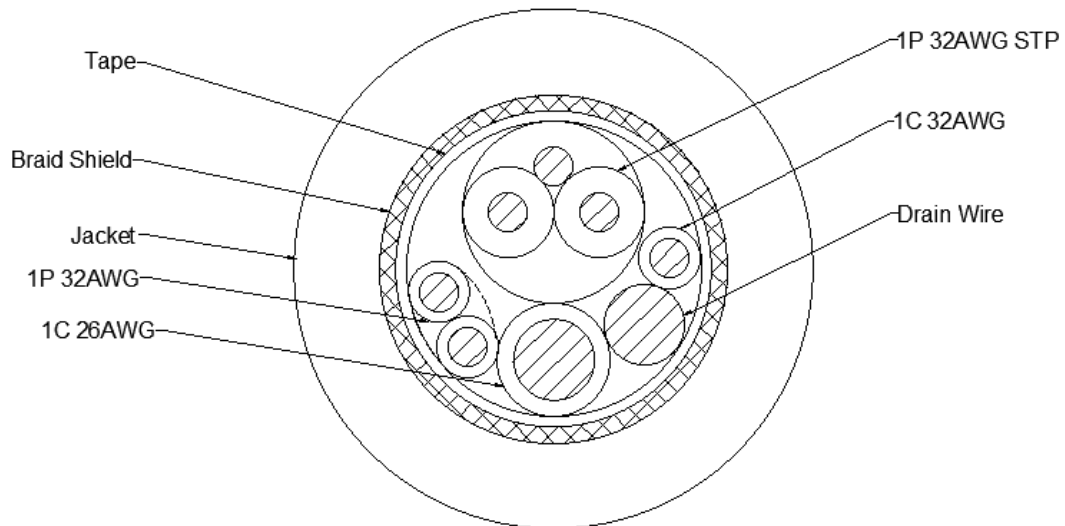


Fig.1 Cross section of cable.

