

SPECIFICATION

6CX32AWG PVC

Customer File NO......

Customer Signed by......

SHS TECHNOLOGY CO.,LTD
苏州尚虹鑫电子科技有限公司

APVD by	CHK by	DWN by

(DE-2001-01 Rev.1)

REVISION RECORD

Rev. No	Issue date	Item	DWN	CHK	APVD
1	09/29/2021	Draft	Carter.W	Lester.X	Lester.X

1. Scope

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

2. Construction and Material

Item		Unit	Specified Value	
Core Number		-	4	2
Conductor	AWG Size	-	32AWG	
	Material	-	Tinned copper	
	Stranding	No./mm	19/0.05	
Insulation	Material	-	FEP	
	Color	-	Black	Black, White
	Thickness	mm	0.07	0.11
	Diameter	mm	0.39	0.47±0.02
Spiral Shield	Type	-	Wrap	
	Material	-	Tinned copper alloy	
	Thickness	mm	0.03	
Jacket	Material	-	Polyester tape	
	Color	-	Gray,Blue,Red,Yellow	
	Diameter	mm	0.49±0.02	
Cabling		-	See Fig.2	
Tape	Material	-	PTFE	
Shield	Material	-	Tinned copper	
	Coverage	%	Nom.90	
Sheath	Material	-	PVC(Color: Black)	
	Thickness	mm	0.35	
	Diameter	mm	2.50±0.15	

3. Electrical Properties

Item	Unit	Specified Value
		32AWG
Conductor Resistance (@ 20°C)	Ω /km	Max. 560
Insulation resistance (@ 20°C)	MΩ -km	Min. 1,000
Dielectric Strength ¹⁾	-	To withstand A.C. 500V for 1min

Note 1):Applied between conductor and spiral shield.

4. Package

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

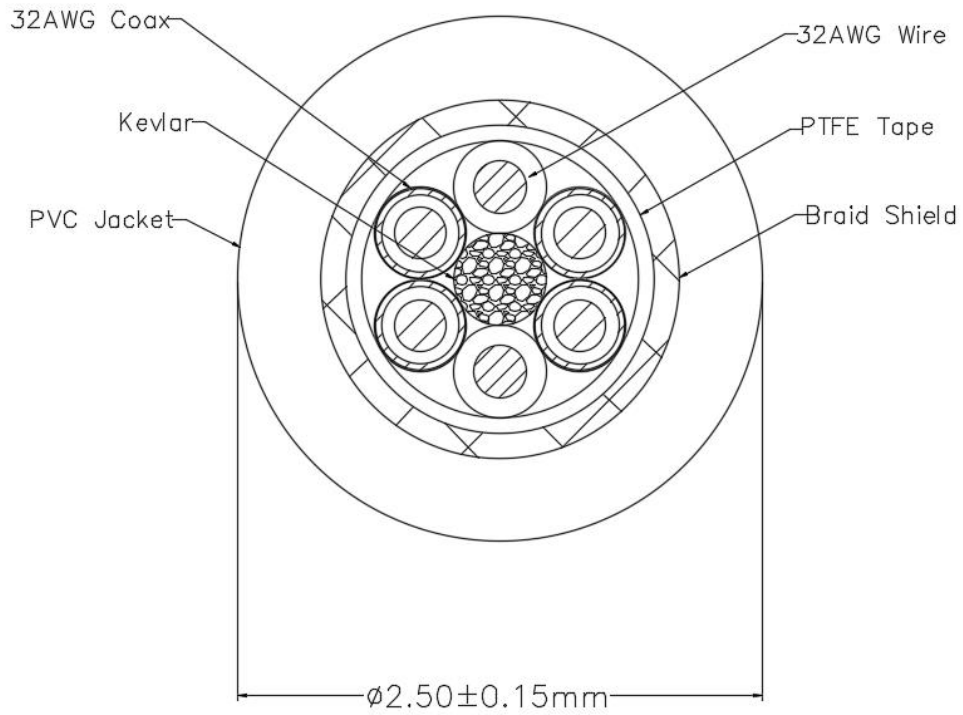


Fig.1 Cross section of cable.