



# SPECIFICATION




P/N: 2CX20AWG+3CX28AWG+5CX32AWG+1X34AWG+B 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
		

## 1. Scope

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

## 2. Construction and Material

Item		Unit	Specified Value		
			VBUS+	USB2.0	CC
Core Number		-	3	2	1
Conductor	Size	AWG	28	30	34
	Material	-	Tinned copper		
	Stranding	No./mm	36/0.056	7/0.10	7/0.064
Insulation	Material	-	FEP	FEP	FEP
	Color	-	Red	White,Green	Blue
	Diameter	mm	0.59	0.60	0.27
Drain wire(VBUS-)		-	5x32AWG(7/0.08) Tinned copper		
Cabling		-	See Fig.1		
Spiral Shield	Material	-	Tinned copper wire		
	Strand	mm	0.10		
	Coverage	%	Nom.90		
Jacket	Material	-	Medical PVC (Color: Ivory)		
	Thickness	mm	0.45		
	Diameter	mm	3.0±0.2		

## 3. Electrical Properties

Item	Unit	Specified Value			
		28AWG	30AWG	32AWG	34AWG
Conductor Resistance (@ 20°C)	Ω/km	Max. 227	Max. 354	Max. 597	Max. 900
Insulation resistance (@ 20°C)	MΩ-km	Min. 1,000			
Dielectric Strength <sup>1)</sup>	-	To withstand A.C. 500V for 1min			
Capacitance (@ 1kHz)	pF/m	-	-	-	-
Impedance (@ 10MHz)	Ω	-	90±10	-	

Note 1): Applied between conductor and spiral shield.

## 4. Package

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

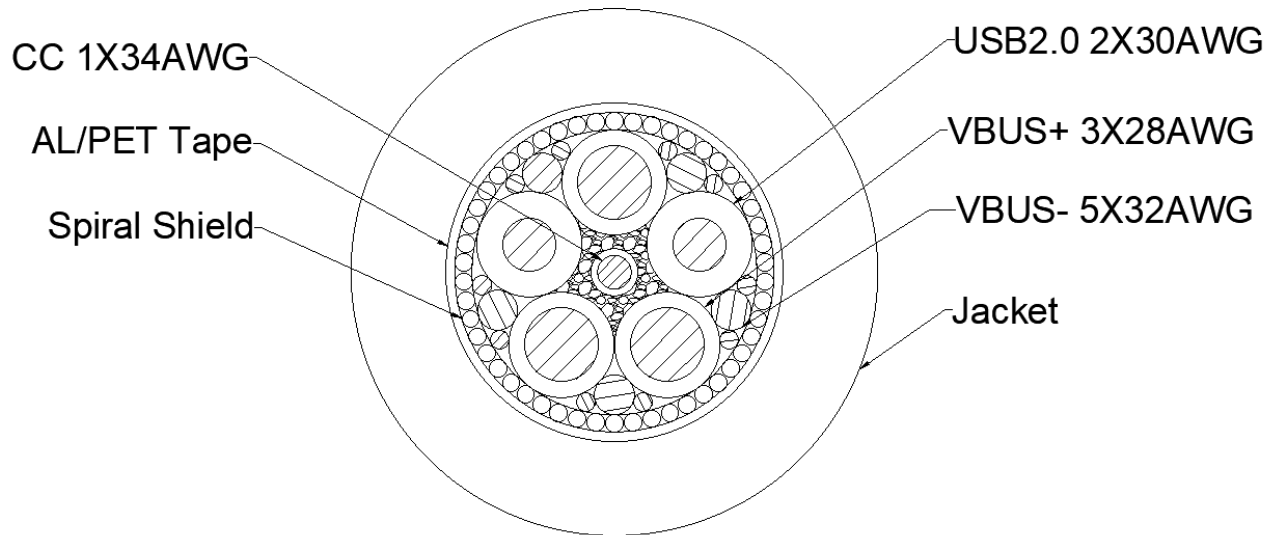


Fig.1 Cross section of cable