

# SPECIFICATION

P/N: 6PX36AWG+10CX36AWG+4Cx34AWG

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
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## 1. Scope

This specification covers multi micro-coaxial cable for equipment.

## 2. Construction and Material

Item		Unit	Specified Value		
Core Number		-	6P	10C	4C
Conductor	Size	AWG	36	36	34
	Material	-	Silver plated copper wire	Silver plated copper wire	Tinned copper wire
	Stranding	No./mm	7/0.05	7/0.05	7/0.06
	Diameter	mm	0.15	0.15	0.19
Insulation	Material	-	FEP	FEP	FEP
	Thickness	mm	0.065	0.065	0.055
	Color		Blue,Gray,White ,Pink,Orange,Violet,	Brown,Pink,Yellow, Black,White,Nature	Red,Green
	Diameter	mm	0.28	0.28	0.30
Twisted		-	Blue/Gray,Blue/White,Blue/Pink ,Orange/Gray, Orange/white, Orange/Violet		
Cabling		-	See Fig.2		
Binder Tape	Material	-	AL/PET, AL face outside		
	Overlap	%	Min.25		
Braid Shield	Material	-	Tinned copper wire		
	Strand	Mm	0.06		
	Coverage	%	Min.90		
Jacket	Material	-	Medical TPU (Color: Blue)		
	Thickness	mm	0.50		
	Diameter	mm	3.2±0.3		

\*Add the filler to make the cable round if necessary.

### 3. Electrical Properties

Item	Unit	Specified Value	
		36AWG	34AWG
Rating temperature	°C	80	
Rating voltage	V	30	
Conductor Resistance (@ 20°C)	Ω /km	Max.1412	Max.900
Insulation resistance (@ 20°C)	MΩ -km	Min. 1,000	
Dielectric Strength <sup>1)</sup>	-	To withstand A.C. 750V for 1sec	
Impedance (@ TDR)	Ω	100±10	-

Note 1): Applied between each conductor.

### 4. Packing

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

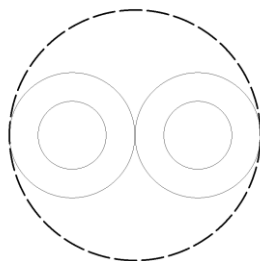


Fig.1 Cross section of Twisted pair

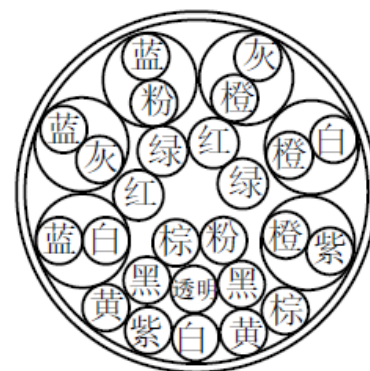
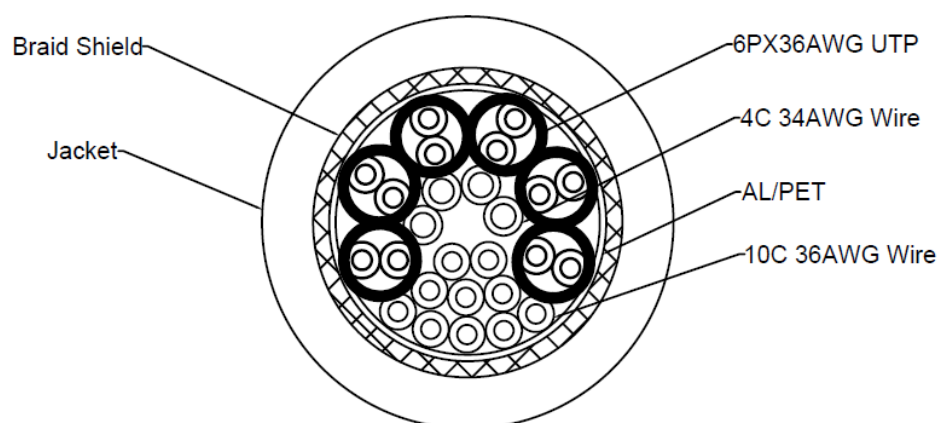


Fig.2 Cross section of cable

