




# SPECIFICATION

P/N: CON 5PX32AWG+4X30AWG+8X32AWG 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
 <p>徐 磊 2022.4.14</p>	 <p>徐 磊 2022.4.14</p>	 <p>王思哲 2022.4.14</p>

## 1. Scope

This specification covers the construction and the electrical properties.

## 2. Construction and Material

Item		Unit	Specified Value		
Core Number		-	5P	4C	8C
Conductor	Size	AWG	32	30	32
	Material	-	Tinned copper	Tinned copper	Tinned copper
	Stranding	No./mm	7/0.08	7/0.10	7/0.08
	Diameter	mm	0.24	0.30	0.24
Insulation	Material	-	FEP	FEP	FEP
	Color		See Table.1	See Table.1	See Table.1
	Thickness	mm	0.22	0.10	0.08
	Diameter	mm	0.68	0.50	0.40
Shield	Drain Wire	-	7/0.08 Tinned copper	See Fig.1	
	Material	--	AL-Foil / Mylar		
	Thickness	mm	0.025		
	Overlap	%	Min.25		
	Construction	-			
Binder Tape	Material	-	AL-Foil / Mylar		
Braid Shield	Material	-	Tinned copper		
	Strand	mm	0.08		
	Coverage	%	Nom.85		
Sheath	Material	-	PVC (Color: Black)		
	Thickness	mm	0.70		
	Diameter	mm	6.2±0.3		

## 3. Electrical Properties

Item	Unit	Specified Value	
		32AWG	30AWG
Conductor Resistance (@ 20°C)	Ω /km	Max.578	Max. 354
Insulation resistance (@ 20°C)	MΩ -km	Min. 1000	
Dielectric Strength	-	To withstand A.C. 500V for 1min	
Differential Impedance(@ TDR)	Ω	100±10	-

(From:DE-2001-01 Rev.1)

#### **4. Package**

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

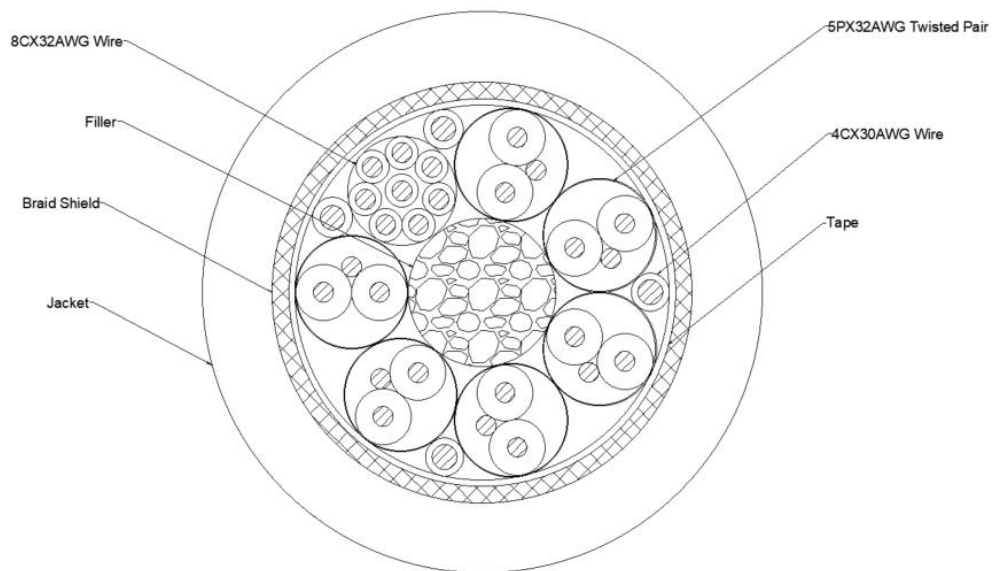


Fig.1 Cross section of cable

#### **REVISION RECORD**

(From:DE-2001-01 Rev.1)

Rev. No	Issue date	Item	DWN	CHK	APVD
1	11/8/2022	DraFT	Carter.W	Lester.X	Lester.X