

SPECIFICATION




P/N: CON 2PX26AWG+2X30AWG(RF) 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 2023.4.22</p>	 <p>徐磊 2023.4.22</p>	 <p>王思哲 2023.4.22</p>

1. Scope

This specification covers mutil micro-coaxial cable for consumer equipment.

2. Construction and material

Item		Unit	Specified Value	
Conductor	Number	-	2	2P
	Size	AWG	30	26
	Material	-	Silver plated copper	Tinned copper
	Stranding	No./mm	7/0.10	30/0.08
Insulation	Material	-	FEP	FEP
	Thickness	mm	0.30	0.22
	Diameter	mm	0.91±0.03	0.95
Braid Shield	Construction	-	16/5/0.05	\
	Material	-	Tinned copper	
	Coverage	%	Nom.90	
Jacket	Material	-	FEP	
	Color	-	White,Black	
	Diameter	mm	1.37±0.05	
Twisted	Construction	-	-	
Cabling		-	See Fig.1	
Tape	Material	-	PTFE	
Braid Shield	Material	-	Tinned copper	
	Coverage	%	Nom.85	
Sheath	Material	-	PVC(Color: Black)	
	Thickness	mm	0.95	
	Diameter	mm	6.00±0.25	

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

3. Electrical properties

Item	Unit	Specified Value	
		30AWG	26AWG
Conductor Resistance (@ 20°C)	Ω/km	Max. 5000	150
Insulation resistance (@ 20°C)	MΩ -km	Min. 1,000	
Dielectric Strength ¹⁾	-	To withstand A.C. 500V for 1min	
Impedance (@ 10mHz)	Ω	50±5	100±10
Tensile Strength	KG	Min.5	

Note 1): Applied between conductor and shield.

4. Package

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

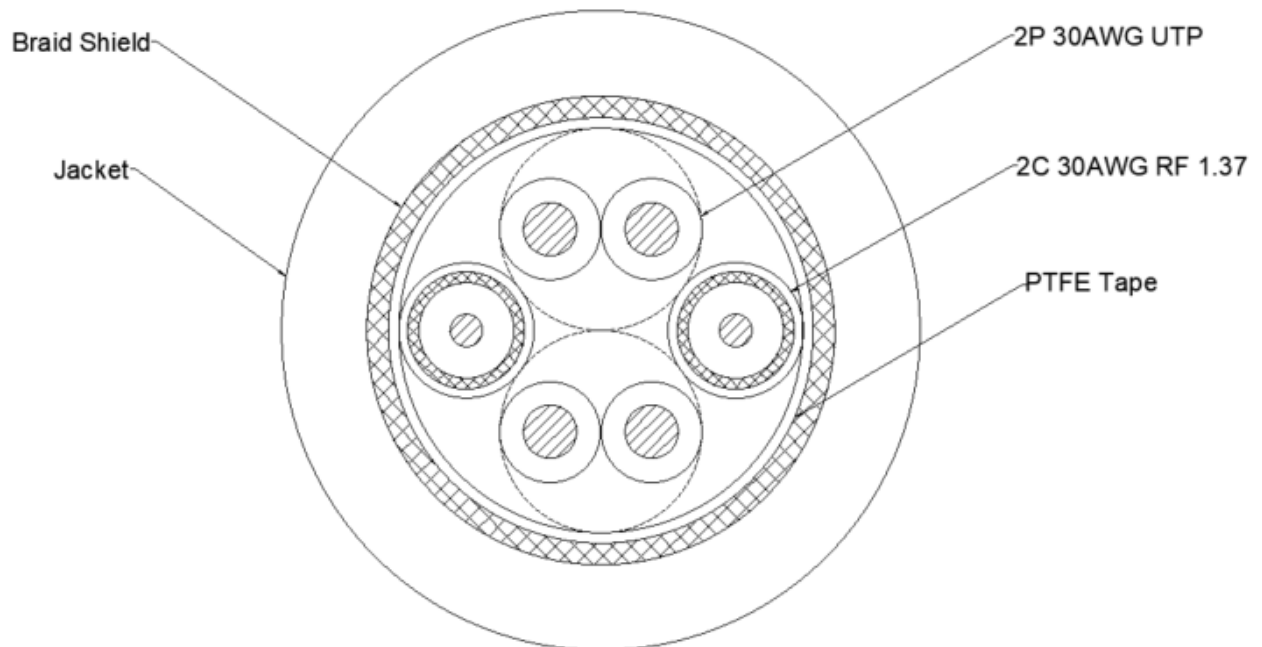


Fig.1 Cross section of cable

REVISION RECORD

Rev. No	Issue date	Item	DWN	CHK	APVD
1	4/24/2023	tbd	Carter.W	Lester.X	Lester.X