




SPECIFICATION

P/N: CON 12X28AWG 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 2022.8.31</p>	 <p>徐磊 2022.8.31</p>	 <p>王思哲 2022.8.31</p>

1. Scope

This specification covers mutil wire cable for medical equipment.

2. Construction and Material

Item		Unit	Specified Value
Conductor	Size	AWG	28
	Material	-	Tinned copper
	Stranding	No./mm	19/0.08
Insulation	Material	-	FEP
	Color	-	White, Black, Red, Blue, Green, Yellow, Orange, Brown, Pink, Violet, Gray, Nature
	Thickness(Nom)	mm	0.08
	Concentricity	%	Min.85
	Diameter	mm	0.56±0.01
Twisted		-	See Fig.1
Braid Shield	Material	-	Tinned copper
	Strand (Nom.)	mm	0.08
	Coverage	%	Nom.90
Jacket	Material	-	PVC (Color: Black)
	Thickness(Nom)	mm	0.6
	Diameter	mm	4.00±0.15

3. Electrical Properties

Item	Unit	Specified Value
Rating Temperature	°C	80
Rating Voltage	V	30
Conductor Resistance (@ 20°C)	Ω/km	Max. 210
Insulation resistance (@ 20°C)	MΩ -km	Min. 500
Dielectric Strength ¹⁾	-	To withstand A.C. 500V for 1min

1): Applied between each conductor.

4. Package

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

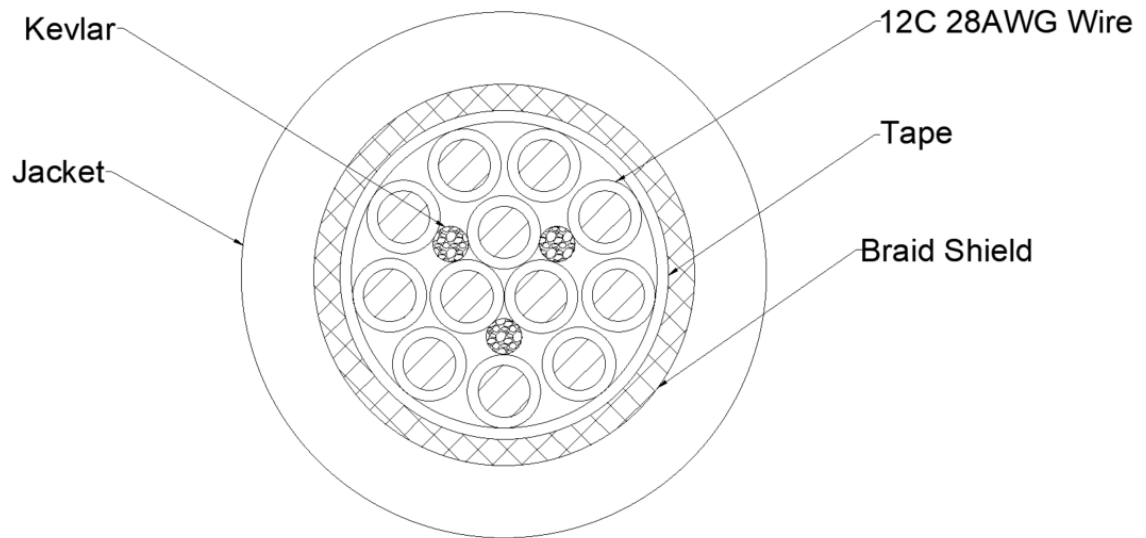


Fig.1 Cross section of cable

REVISION RECORD

Rev. No	Issue date	Item	DWN	CHK	APVD
1	8/31/2022	draft	Carter.W	Lester.X	Lester.X