




SPECIFICATION

P/N: MED 8PX30AWG 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 2023.4.10</p>	 <p>徐磊 2023.4.10</p>	 <p>王思哲 2023.4.10</p>

1. Scope

This specification covers mutil wire cable for medical equipment.

2. Construction and Material

Item		Unit	Specified Value
Conductor	Size	AWG	30
	Material	-	Tinned copper wire
	Stranding	No./mm	7/0.10
Insulation	Material	-	FEP
	Color	-	Blue/White,Blue/Red,Blue/Nature,Blue/Brown, Blue/Yellow,Blue/Orange,Blue/Black,Blue/Gray
	Thickness(Nom)	mm	0.10
	Concentricity	%	Min.85
	Diameter	mm	0.50±0.02
Twisted	Drain wire	-	32AWG(7/0.08) Tinned copper
Tape	Material	-	AL/PET
	Coverage	%	Min.25
Assembly		-	See Fig.1
Binder	Material	-	PTFE
Tape	Overlap	%	Min.30%
Braid Shield	Material	-	Tinned copper wire
	Strand (Nom.)	mm	0.08
	Coverage	%	Nom.90
Jacket	Material	-	PVC (Color: Black)
	Thickness(Nom)	mm	1.0
	Diameter	mm	6.0±0.3

3. Electrical Properties

Item	Unit	Specified Value
Rating Temperature	°C	80
Rating Voltage	V	30
Conductor Resistance (@ 20°C)	Ω/km	Max. 356
Insulation resistance (@ 20°C)	MΩ -km	Min. 1000
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.

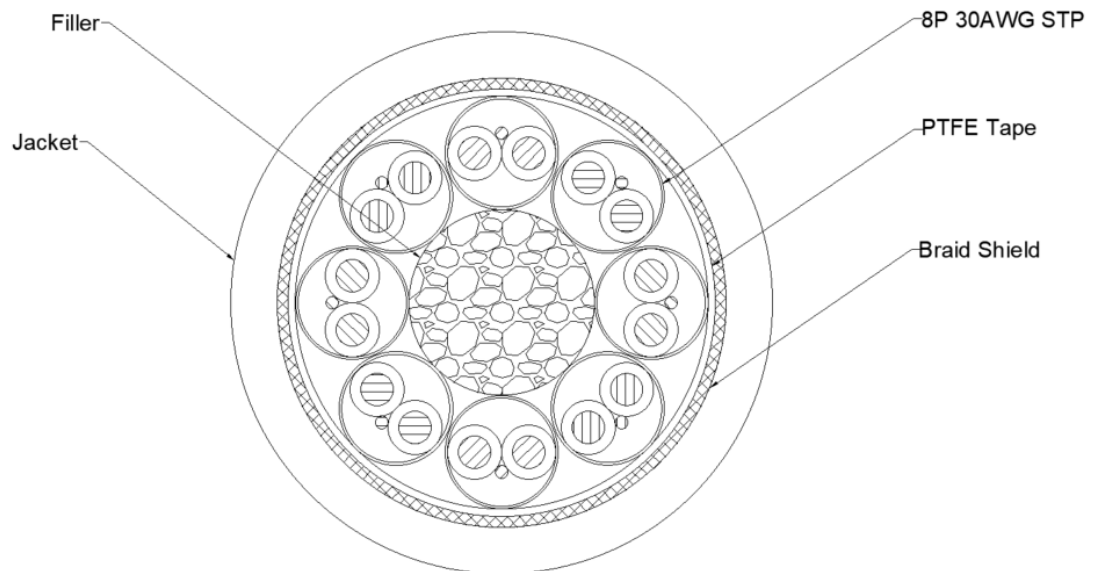


Fig.1 Cross section of cable

REVISION RECORD

Rev. No	Issue date	Item	DWN	CHK	APVD
1	4/9/2023	TBD	Carter.W	Lester.X	Lester.X