

SPECIFICATION

P/N: MED 11PX30AWG TPV

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
<div>徐 磊</div> <div>2023.1.31</div>	<div>徐 磊</div> <div>2023.1.31</div>	<div>王思哲</div> <div>2023.1.31</div>

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
	Stranding	No./mm	7/0.102
Insulation	Material	-	FEP
	Color	-	Blue/White,Blue/Red,Blue/Nature,Blue/Brown, Blue/Yellow,Blue/Orange,Blue/Black,Blue/Green, Blue/Gray, Blue/Violet,Blue/Dark Green
	Thickness(Nom)	mm	0.10
	Concentricity	%	Min.85
	Diameter	mm	0.50±0.01
Assembly		-	See Fig.1
Binder Tape	Material	-	PTFE
	Overlap	%	Min.30%
Braid Shield	Material	-	Tinned copper
	Strand (Nom.)	mm	0.08
	Coverage	%	Nom.90
Jacket	Material	-	Medical TPV (Color: Cool Gray)
	Thickness(Nom)	mm	0.6
	Diameter	mm	5.6±0.3

Note: Add the filler to make the cable round if necessary.

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. 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.

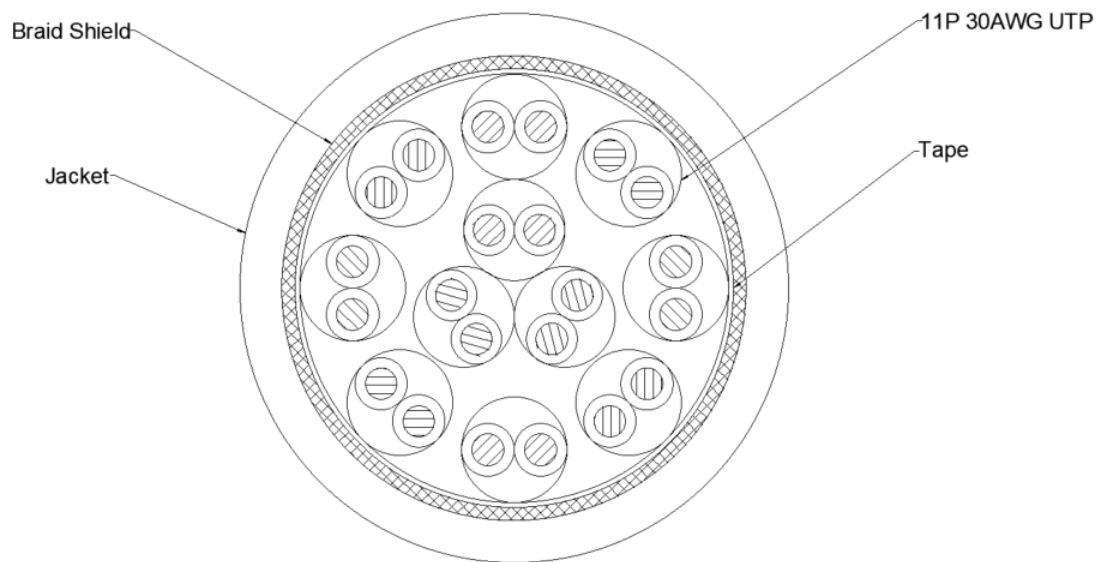


Fig.1 Cross section of cable

