

SPECIFICATION




P/N: MED 7PX30AWG TPV GRAY

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
		

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
	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: Gray)
	Thickness(Nom)	mm	0.8
	Diameter	mm	5.0±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. 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.

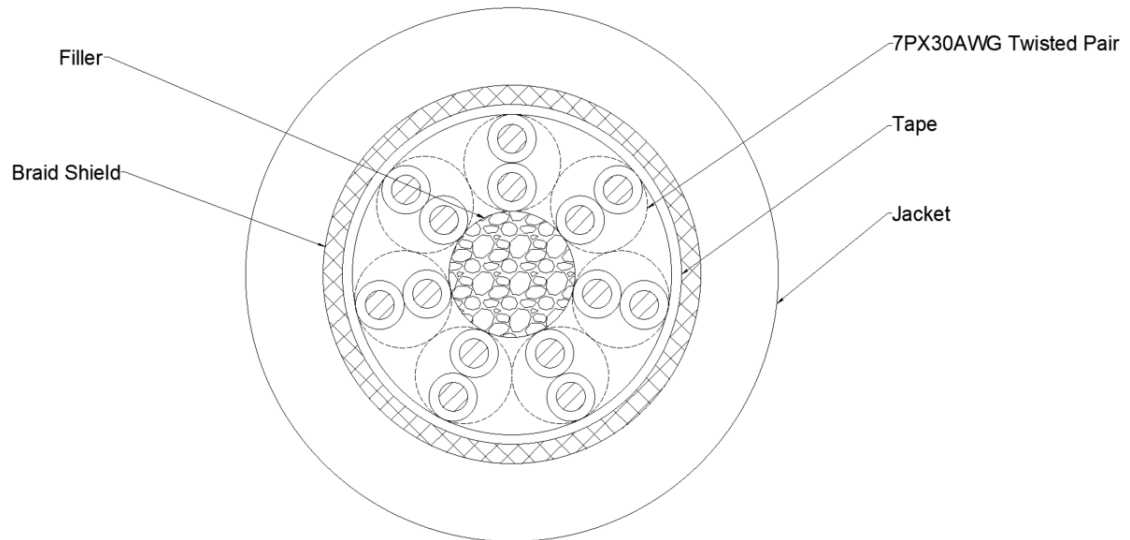


Fig.1 Cross section of cable

